

Meds That Should Not Be Crushed

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Crushing pills can improve ease of administration, but some shouldn't be crushed. Crushing **extended-release** meds can result in administration of a large dose all at once. Crushing **delayed-release** meds can alter the mechanism designed to protect the drug from gastric acids or prevent gastric mucosal irritation. Crushing **sublingual or buccal** tabs can alter effectiveness. Crushing pills **based on certain technologies** (i.e., amorphous solid dispersion or nanocrystals) can alter bioavailability.⁹ Crushing **bitter-tasting** meds can be unpleasant for the patient. Crushing **irritating or hazardous** meds can be harmful to the individual crushing the meds. If hazardous meds [e.g., carcinogenic] must be crushed, follow USP Chapter <800> standards in healthcare settings or advising outpatients on proper procedures. Hazardous meds below explicitly state not to crush in the product information. The NIOSH hazardous meds list is at <https://www.cdc.gov/niosh/docs/2025-103/pdfs/2025-103.pdf?id=10.26616/NIOSH PUB2025103>.

*This table has some **common** meds that should not be crushed; many more may not be listed. Brand names are representative and may not be all-inclusive. The most current product labeling for US and Canadian products was used to confirm information, in addition to listed references.*

Modified-release: Indicates extended-release or delayed-release formulation.⁷

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Acamprosate	Campral (brand discontinued)	Tablet	• Modified-release
Acetaminophen	Tylenol Arthritis Pain Extended-Release (US)	Tablet	• Modified-release
Acoramidis	Attruby	Tablet	• No information on the effects of crushing
Adagrasib	Krazati (US)	Tablet	• Risk of instability; contact manufacturer for crushing instructions ¹
Alendronate	Fosamax	Tablet	• Irritant (oropharyngeal)
Alfuzosin	Uroxatral (US), Xatral (Canada)	Tablet	• Modified-release
Alprazolam	Xanax XR (US)	Tablet	• Modified-release
Ambrisentan	Letairis (US), Volibris (Canada)	Tablet	• Risk of fetal harm and impaired fertility
Amoxicillin/Clavulanate	Augmentin XR (US; brand discontinued)	Tablet	• Modified-release • Scored tablets can be split
Aprepitant	Emend (US)	Capsule	• Nanocrystal ⁹
Asciminib	Scemblix	Tablet	• Potential for altered release or absorption due to salt form conversion ¹

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Aspirin	Ecotrin	Tablet	<ul style="list-style-type: none"> • Modified-release • Irritant (gastric)
Aspirin/Dipyridamole	Aggrenox (US; brand discontinued)	Capsule	<ul style="list-style-type: none"> • Modified-release
Atogepant	Qulipta	Tablet	<ul style="list-style-type: none"> • May be an amorphous solid dispersion¹
Atomoxetine	Strattera	Capsule	<ul style="list-style-type: none"> • Irritant (ocular)
Avacopan	Tavneos	Capsule	<ul style="list-style-type: none"> • May be an amorphous solid dispersion¹
Avapritinib	Ayvakit	Tablet	<ul style="list-style-type: none"> • Potential for altered release or absorption due to changes in crystalline form or particle size¹
Belumosudil	Rezurock	Tablet	<ul style="list-style-type: none"> • Potential for altered release or absorption due to salt form conversion¹
Benzonatate	Tessalon Perles (US)	Capsule	<ul style="list-style-type: none"> • Local anesthetic effect could increase the risk of choking
Bexagliflozin	Brenzavvy (US)	Tablet	<ul style="list-style-type: none"> • Modified-release²⁰
Bisacodyl	Dulcolax	Tablet	<ul style="list-style-type: none"> • Modified-release • Irritant (gastric)
Brivaracetam	Briviact (US), Brivlera (Canada)	Tablet	<ul style="list-style-type: none"> • Bad taste¹⁰
Bosutinib	Bosulif	Tablet	<ul style="list-style-type: none"> • Risks of fetal harm and impaired fertility
Budesonide	Entocort EC (US), Entocort (Canada)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Budesonide	Uceris (US)	Tablet	<ul style="list-style-type: none"> • Modified-release
Buprenorphine	Belbuca (US)	Film	<ul style="list-style-type: none"> • Sublingual dosage form
Bupropion	Aplenzin (US), Forfivo XL (US), Wellbutrin SR (US), Wellbutrin XL, Zyban	Tablet	<ul style="list-style-type: none"> • Modified-release
Cabozantinib	Cabometyx, Cometriq (US)	Capsule, Tablet	<ul style="list-style-type: none"> • Risk of fetal harm and impaired fertility
Capivasertib	Truqap	Tablet	<ul style="list-style-type: none"> • No information on the effects of crushing
Capmatinib	Tabrecta	Tablet	<ul style="list-style-type: none"> • Potential for altered release or absorption due to salt form conversion¹
Carbamazepine	Carbatrol (US), Equetro (US)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Carbamazepine	Tegretol XR (US), Tegretol CR (Canada)	Tablet	<ul style="list-style-type: none"> • Modified-release

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Carvedilol	Coreg CR (US; brand discontinued)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Cefuroxime	Ceftin (brand discontinued)	Tablet	<ul style="list-style-type: none"> • Bad taste
Ciprofloxacin	Cipro (US; brand discontinued in Canada)	Tablet	<ul style="list-style-type: none"> • Bad taste
Ciprofloxacin	Cipro XR (US); Cipro XL (Canada; brand discontinued)	Tablet	<ul style="list-style-type: none"> • Modified-release
Clarithromycin	Biaxin XL	Tablet	<ul style="list-style-type: none"> • Modified-release
Clonidine	Kapvay (US)	Tablet	<ul style="list-style-type: none"> • Modified-release
Colestipol	Colestid	Tablet	<ul style="list-style-type: none"> • Choking hazard
Cyclobenzaprine	Amrix (US)	Capsule	<ul style="list-style-type: none"> • Modified-release
Cyclophosphamide	Cytosan (US), Procytox (Canada)	Capsule (US), Tablet	<ul style="list-style-type: none"> • Carcinogenic • Cytotoxic • Risk of fetal harm and impaired fertility
Dabigatran	Pradaxa	Capsule	<ul style="list-style-type: none"> • Intact product must be taken to avoid increased exposure (bioavailability)
Dalfampridine	Ampyra (US)	Tablet	<ul style="list-style-type: none"> • Modified-release
Darifenacin	Enablex	Tablet	<ul style="list-style-type: none"> • Modified-release
Dasatinib	Sprycel	Tablet	<ul style="list-style-type: none"> • Risks of fetal harm and impaired fertility
Deferasirox	Exjade	Tablet	<ul style="list-style-type: none"> • Tablet is for oral suspension
Desvenlafaxine	Pristiq	Tablet	<ul style="list-style-type: none"> • Modified-release
Dexlansoprazole	Dexilant	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Dexmethylphenidate	Focalin XR (US)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Dextroamphetamine	Dexedrine Spansule	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules⁵
Dextroamphetamine/ Amphetamine	Adderall XR	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Diclofenac	Voltaren (brand discontinued)	Tablet	<ul style="list-style-type: none"> • Modified-release • Irritant (gastric)¹¹

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Generic Name	Brand Name	Dosage Form	Comments
Diclofenac/misoprostol	Arthrotec	Tablet	<ul style="list-style-type: none"> • Modified-release • Irritant (gastric)¹¹ • Risk of fetal harm
Diclofenac	Voltaren XR (US: Brand discontinued), Voltaren SR (Canada)	Tablet	<ul style="list-style-type: none"> • Modified-release
Diflunisal	Dolobid (US; brand discontinued)	Tablet	<ul style="list-style-type: none"> • Irritant (gastric)⁵
Diltiazem	Cardizem CD (US), Cardizem LA (US), Cartia XT (US), Dilt-XR (US), Tiazac, Tiazac XC (Canada)	Tablet, Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules (<i>Tiazac</i>)
Dimethyl Fumarate	Tecfidera	Capsule	<ul style="list-style-type: none"> • Modified-release
Disopyramide	Norpace CR (US)	Capsule	<ul style="list-style-type: none"> • Modified-release
Divalproex	Depakote Sprinkle (US)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Divalproex	Depakote (US), Depakote ER (US), Epival (Canada)	Tablet	<ul style="list-style-type: none"> • Modified-release
Docusate Sodium	Colace	Capsule	<ul style="list-style-type: none"> • Bad taste
Donepezil	Aricept (23 mg strength only [US])	Tablet	<ul style="list-style-type: none"> • Intact product must be taken to avoid increased rate of absorption⁵
Doxazosin	Cardura XL (US)	Tablet	<ul style="list-style-type: none"> • Modified-release
Doxycycline	Doryx (US), Apprilon (Canada)	Capsule, Tablet	<ul style="list-style-type: none"> • Modified-release • Scored tablets can be broken up, taking care not to crush the pellets.
Drospirenone/estetrol	Nextstellis	Tablet	<ul style="list-style-type: none"> • Low-dose product with risk of instability¹
Duloxetine	Cymbalta	Capsule	<ul style="list-style-type: none"> • Modified-release
Dutasteride	Avodart, Jalyn	Capsule	<ul style="list-style-type: none"> • Risk of fetal harm and impaired fertility • Irritant (oropharyngeal)
Elacestrant	Orserdu	Tablet	<ul style="list-style-type: none"> • Crushing may alter bioavailability⁷
Elbasvir/Grazoprevir	Zepatier (US)	Tablet	<ul style="list-style-type: none"> • Amorphous solid dispersion⁹
Elexacaftor/Tezacaftor/ Ivacaftor	Trikafta	Tablet	<ul style="list-style-type: none"> • Amorphous solid dispersion⁹
Ensartinib	Ensacove (US)	Capsule	<ul style="list-style-type: none"> • No information on the effects of opening capsules
Enzalutamide	Xtandi	Capsule	<ul style="list-style-type: none"> • Risk of fetal harm and impaired fertility

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Ergotamine	Ergomar (US)	Tablet	• For sublingual administration
Erythromycin delayed-release	Ery-Tab (US)	Tablet	• Modified-release
Erythromycin ethylsuccinate	E.E.S. (US)	Tablet	• Bad taste ¹⁸
Esomeprazole	Nexium	Capsule (US), Tablet (Canada)	• Modified-release • Capsule can be opened for administration of intact granules ¹²
Esomeprazole/naproxen	Vimovo (brand discontinued in US)	Tablet	• Modified-release
Eszopiclone	Lunesta (US)	Tablet	• Bad taste
Etravirine	Intelence	Tablet	• Amorphous solid dispersion ⁹ • Tablet may be dispersed in water • Scored tablets can be split
Everolimus	Afinitor, Zortress (US)	Tablet	• Amorphous solid dispersion ⁹ • Risk of fetal harm and impaired fertility
Felodipine	Plendil (brand discontinued in US)	Tablet	• Modified-release
Fenofibrate	TriCor (US; brand drushingiscontinued)	Tablet	• Nanocrystal ⁹
Ferrous Sulfate	Feosol	Tablet	• Mucosal ulceration ²
Fesoterodine	Toviaz	Tablet	• Modified-release
Fexofenadine/ Pseudoephedrine	Allegra-D	Tablet	• Modified-release
Fezolinetant	Veozah	Tablet	• Effect of crushing on pharmacokinetics is unknown ¹⁹
Finasteride	Propecia, Proscar	Tablet	• Risk of fetal harm
Fluoxetine	Prozac Weekly (US; brand discontinued)	Capsule	• Modified-release
Fluvastatin	Lescol XL (US)	Tablet	• Modified-release (<i>Lescol XL</i>)
Fluvoxamine	Luvox CR (US; brand discontinued)	Capsule	• Modified-release
Futibatinib	Lytgobi (US)	Tablet	• Low-dose product with risk of instability ¹
Gabapentin	Gralise (US), Horizant (US)	Tablet	• Modified-release

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Generic Name	Brand Name	Dosage Form	Comments
Galantamine	Razadyne ER (US; brand discontinued), Zunveyl (US), Reminyl ER (Canada; brand discontinued)	Capsule, Tablet	• Modified-release
Gepirone	Exxua (US)	Tablet	• Modified-release
Glecaprevir/Pibrentasvir	Mavyret	Tablet	• Amorphous solid dispersion ⁹
Glipizide	Glucotrol XL (US)	Tablet	• Modified-release
Guaifenesin	Mucinex (US)	Tablet	• Modified-release
Guaifenesin/ Dextromethorphan	Mucinex DM (US)	Tablet	• Modified-release
Guaifenesin/ Pseudoephedrine	Mucinex D (US)	Tablet	• Modified-release
Guanfacine	Intuniv (US), Intuniv XR (Canada)	Tablet	• Modified-release
Hydroxyurea	Droxia (US; brand discontinued), Hydrea, Siklos (US)	Capsule, Tablet	• Cytotoxic • Risk of fetal harm and impaired fertility
Ibandronate	Boniva (US; brand discontinued)	Tablet	• Irritant (oropharyngeal)
Ibuprofen	Advil, Motrin	Tablet	• Bad taste ⁴
Imatinib	Gleevec	Tablet	• Irritant (gastrointestinal) • Scored tablets can be split • Can be dispersed in water • Risk of fetal harm
Involisib	Itovebi (US)	Tablet	• No information on the effects of crushing
Indomethacin	Indocin SR (US; brand discontinued)	Capsule	• Modified-release • Can be opened for administration of intact granules ⁴
Iptacopan	Fabhalta	Capsule	• No information on the effects of opening capsules
Isavuconazonium Sulfate	Cresemba	Capsule	• Risk of instability or reduced absorption ¹⁵
Isosorbide Mononitrate	Imdur (US; brand discontinued)	Tablet	• Modified-release • Scored tablets can be split

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Isotretinoin	Absorica (US), Absorica LD, Accutane (Canada), Amnesteem (US), Claravis (US), Clarus (Canada), Epuris (Canada), Myorisan (US), Zenatane (US)	Capsule	<ul style="list-style-type: none"> • Irritant (esophageal) • Teratogenic
Itraconazole	Sporanox	Capsule	<ul style="list-style-type: none"> • Amorphous solid dispersion⁹
Ivacaftor	Kalydeco	Tablet	<ul style="list-style-type: none"> • Amorphous solid dispersion⁹
Ivosidenib	Tibsovo	Tablet	<ul style="list-style-type: none"> • Amorphous solid dispersion⁹
Lamotrigine	Lamictal XR (US)	Tablet	<ul style="list-style-type: none"> • Modified-release
Lansoprazole	Prevacid	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Lansoprazole	Prevacid SoluTab (US), Prevacid FasTab (Canada)	Tablet	<ul style="list-style-type: none"> • Should be dissolved in the mouth, not chewed
Lazertinib	Lazcluze	Tablet	<ul style="list-style-type: none"> • No information on the effects of crushing
Lenalidomide	Revlimid	Capsule	<ul style="list-style-type: none"> • Teratogenic
Lenacapavir	Sunleca	Tablet	<ul style="list-style-type: none"> • Potential for altered release or absorption due to salt form conversion¹
Lenvatinib	Lenvima	Capsule	<ul style="list-style-type: none"> • Risk of fetal harm and impaired fertility
Levetiracetam	Keppra	Tablet	<ul style="list-style-type: none"> • Bad taste⁴
Levetiracetam	Keppra XR (US)	Tablet	<ul style="list-style-type: none"> • Modified-release
Levodopa/Carbidopa	Sinemet CR	Tablet	<ul style="list-style-type: none"> • Modified-release • Scored tablets can be split
Levomilnacipran	Fetzima	Capsule	<ul style="list-style-type: none"> • Modified-release
Lithium Carbonate	Lithobid (US), Lithmax (Canada)	Tablet	<ul style="list-style-type: none"> • Modified-release
Lopinavir/Ritonavir	Kaletra	Tablet	<ul style="list-style-type: none"> • Amorphous solid dispersion⁹ • Reduced bioavailability with crushing⁸
Loratadine/ Pseudoephedrine	Claritin-D (US), Claritin Allergy and Sinus (Canada)	Tablet	<ul style="list-style-type: none"> • Modified-release
Lovastatin	Altoprev (US)	Tablet	<ul style="list-style-type: none"> • Modified-release
Lubiprostone	Amitiza	Capsule	<ul style="list-style-type: none"> • Exposure of capsule contents will impair absorption²⁵
Lumacaftor/Ivacaftor	Orkambi	Tablet	<ul style="list-style-type: none"> • Amorphous solid dispersion⁹

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Mavoxifafor	Xolremdi	Capsules	<ul style="list-style-type: none"> • No information of the effects of opening capsules
Memantine	Namenda XR (US)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Mesalamine (mesalazine)	Apriso (US), Asacol HD (US; brand discontinued), Delzicol (US; brand discontinued), Lialda (US), Mezavant (Canada), Octasa (Canada), Pentasa	Tablet, Capsule	<ul style="list-style-type: none"> • Modified-release • Capsules can be opened for administration of intact granules (Delzicol, Pentasa)
Metformin	<i>Fortamet</i> (US), Glucophage XR (US; brand discontinued), Glumetza	Tablet	<ul style="list-style-type: none"> • Modified-release
Methylphenidate	Aptensio XR (US), Biphentin (Canada), Metadate CD (US), Foquest (Canada), Jornay PM, Metadate CD, Ritalin LA (US)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Methylphenidate	Concerta, Cotempla XR-ODT (US), Relexxii (US), Ritalin SR (Canada; brand discontinued)	Tablet	<ul style="list-style-type: none"> • Modified-release
Metoprolol Succinate	Toprol-XL (US)	Tablet	<ul style="list-style-type: none"> • Modified-release • Scored tablets can be split
Miltefosine	Impavido	Capsule	<ul style="list-style-type: none"> • Teratogenic • Risk of impaired fertility
Minocycline	Emrosi (US), Solodyn (US; brand discontinued)	Capsule, Tablet	<ul style="list-style-type: none"> • Modified-release
Mirabegron	Myrbetriq	Tablet	<ul style="list-style-type: none"> • Modified-release
Momelotinib	Ojjaara	Tablet	<ul style="list-style-type: none"> • No information on the effects of crushing
Morphine Sulfate	Avinza (US; brand discontinued); Kadian (Canada; brand discontinued in US)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules
Morphine Sulfate	MS Contin	Tablet	<ul style="list-style-type: none"> • Modified-release
Mycophenolate	CellCept	Capsule, Tablet	<ul style="list-style-type: none"> • Teratogenic • Immunosuppressive
Mycophenolic Acid	Myfortic	Tablet	<ul style="list-style-type: none"> • Modified-release • Teratogenic • Immunosuppressive

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Naproxen	EC Naprosyn (US), Naprelan (US), Pro-naproxen EC (Canada), Teva-naproxen EC (Canada)	Tablet	• Modified-release
Nevirapine	Viramune XR (US)	Tablet	• Modified-release
Niacin	Niaspan (US; brand discontinued)	Tablet	• Modified-release
Nicotine	<i>Nicorette</i> (US)	Lozenge	• Should be dissolved in the mouth, not chewed
Nifedipine	Adalat CC (US; brand discontinued), Adalat Oros (Canda), Procardia XL (US), Adalat XL (Canada)	Tablet	• Modified-release
Nilotinib	Tasigna, Danziten (US)	Capsule	• Modified-release • Risk of fetal harm • Can be opened for administration of intact granules
Nirmatrelvir/ritonavir	Paxlovid	Tablets	• No information on the effects of crushing
Nirogacestat	Ogsiveo (US)	Tablet	• In one clinical trial, could be dispersed in water (may not fully dissolve). OraSweet could be added. ⁶
Nisoldipine	Sular (US)	Tablet	• Modified-release
Nitroglycerin	Nitrostat	Tablet	• Sublingual dosage form
Olaparib	Lynparza	Tablet	• Amorphous solid dispersion ⁹ • Risk of fetal harm
Omaveloxolone	Skyclarys	Capsule	• Can be opened for administration
Omeprazole	Prilosec (US), Losec (Canada)	Capsule, Tablet	• Modified-release • Capsule can be opened for administration of intact granules ⁵
Opicapone	Ongentys (US)	Capsule	• Potential for instability ¹
Orphenadrine	Norflex ER (US)	Tablet	• Modified-release
Oxybutynin	Ditropan XL (US; brand discontinued)	Tablet	• Modified-release
Oxycodone	OxyContin (US), OxyNEO (Canada), Xtampza ER (US)	Capsule, Tablet	• Modified-release
Oxymorphone	Opana ER (US; brand discontinued)	Tablet	• Modified-release
Paliperidone	Invega	Tablet	• Modified-release

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Generic Name	Brand Name	Dosage Form	Comments
Pancreatic Enzymes	Cotazym (Canada), Creon, Pancrease (Canada), Pancreaze (US), Pertzye (US), Viokace, Zenpep (US)	Capsule	<ul style="list-style-type: none"> • Modified-release (capsules) • Irritant (oral mucosal) • Capsules can be opened for administration of intact granules
Pantoprazole	Protonix (US), Pantoloc (Canada)	Tablet	<ul style="list-style-type: none"> • Modified-release
Paroxetine	Paxil CR	Tablet	<ul style="list-style-type: none"> • Modified-release • Risk of fetal harm and impaired fertility
Pazopanib	Votrient	Tablet	<ul style="list-style-type: none"> • Increased absorption • Risk of fetal harm and impaired fertility
Pentoxifylline	Trental (US; brand discontinued)	Tablet	<ul style="list-style-type: none"> • Modified-release
Piroxicam	Feldene (US)	Capsule	<ul style="list-style-type: none"> • Irritant (oropharyngeal)⁴
Pirtobrutinib	Jaypirca (US)	Tablet	<ul style="list-style-type: none"> • Risk of fetal harm
Pomalidomide	Pomalyst	Capsule	<ul style="list-style-type: none"> • Teratogenic
Posaconazole	Noxafil (US; brand discontinued), Posanol (Canada)	Tablet	<ul style="list-style-type: none"> • Amorphous oral dispersion⁹ • Modified-release
Potassium Chloride	Micro-K (US; brand discontinued)	Capsule	<ul style="list-style-type: none"> • Modified-release • Can be opened for administration of intact granules⁴
Potassium Chloride	Klor-Con (US), K-tab (US; brand discontinued)	Tablet	<ul style="list-style-type: none"> • Modified-release
Potassium Chloride	Klor-Con (US; brand discontinued)	Capsule	<ul style="list-style-type: none"> • Modified-release
Potassium Chloride	K-Dur (US; brand discontinued)	Tablet	<ul style="list-style-type: none"> • Modified-release • Scored tablet may be cut in half. • May be dispersed in water.
Pralsetinib	Gavreto	Capsule	<ul style="list-style-type: none"> • Potential for instability¹
Praziquantel	Biltricide (brand discontinued in US)	Tablet	<ul style="list-style-type: none"> • Bad taste • Scored tablets can be split
Propafenone	Rythmol SR (US; brand discontinued)	Capsule	<ul style="list-style-type: none"> • Modified-release
Propranolol	Inderal LA (US), InnoPran XL (US), Lupin-propranolol LA (Canada)	Capsule	<ul style="list-style-type: none"> • Modified-release
Pseudoephedrine	Sudafed 12 Hour (US)	Tablet	<ul style="list-style-type: none"> • Modified-release

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Generic Name	Brand Name	Dosage Form	Comments
Pseudoephedrine/ Desloratadine	Clarinet D (US)	Tablet	• Modified-release
Pseudoephedrine/ Fexofenadine	Allegra D	Tablet	• Modified-release
Pyridostigmine	Mestinon Timespan (US), Mestinon SR (Canada)	Tablet	• Modified-release
Quetiapine	Seroquel XR	Tablet	• Modified-release
Quizartinib	Vanflyta	Tablet	• In one clinical trial, tablets could be dissolved in water ²¹
Rabeprazole	Aciphex (US), Aciphex Sprinkle (US), Pariet (Canada)	Capsule, Tablet	• Modified-release
Raloxifene	<i>Evista</i>	Tablet	• Bad taste ⁴ • Risk of fetal harm • Evidence of tumors at low doses in lab studies ¹⁴
Ranolazine	Ranexa (US; brand discontinued), Corzyna (Canada)	Tablet	• Modified-release
Regorafenib	Stivarga	Tablet	• Amorphous solid dispersion ⁹ • Risk of fetal harm and impaired fertility
Reprectinib	Augtyro (US)	Capsule	• No information on the effects of opening capsules
Ripretinib	Qinlock	Tablet	• May be an amorphous solid dispersion ¹
Risedronate	Actonel	Tablet	• Irritant (oropharyngeal)
Risedronate	Atelvia (US), Actonel DR (Canada)	Tablet	• Modified-release • Irritant (oropharyngeal)
Risperidone	Risperdal M-Tab (US; brand discontinued)	Tablet	• Must be allowed to dissolve on the tongue
Ritlecitinib	Litfulo	Capsule	• No information on the effects of opening capsules
Ritonavir	Norvir	Tablet	• Amorphous solid dispersion ⁹
Ropinirole	Requip XL (US; brand discontinued)	Tablet	• Modified-release
Selumetinib	Koselugo	Capsules	• Special dosage form (semi-solid fill content) suggests bioavailability may be altered if crushed ¹
Sirolimus	Rapamune	Tablet	• Nanocrystal ⁹
Solifenacin	Vesicare	Tablet	• Bad taste

Medications That Should Not Be Crushed ^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Sotagliflozin	Inpefa	Tablet	• No information on the effects of crushing
Sulfasalazine	Azulfidine EN-Tabs (US), Salazopyrin EN (Canada)	Tablet	• Modified-release
Suvorexant	Belsomra (US)	Tablet	• Amorphous solid dispersion ⁹
Suzetrigine	Journavx (US)	Tablet	• Can be dispersed in a small amount of water for immediate administration. ²⁴
Tacrolimus	Astagraf XL (US), Prograf	Capsule	• Amorphous solid dispersion ⁹
Tamsulosin	Flomax (US; brand discontinued), Flomax CR (Canada; brand discontinued)	Capsule, Tablet	• Modified-release • Capsule may be opened for administration of intact beads. ¹⁶
Tapentadol	Nucynta ER	Tablet	• Modified-release
Temozolomide	Temodar (US; brand discontinued), Temodal (Canada)	Capsule	• Cytotoxic • Risk of fetal harm and impaired fertility
Tezacaftor/Ivacaftor	Symdeko	Tablet	• Amorphous solid dispersion ⁹
Theophylline	Theo-24 (US)	Capsule	• Modified-release • Can be opened for administration of intact granules
Theophylline	Theo-ER (Canada), Uniphyll (US; brand discontinued), Theo-Dur (US; brand discontinued)	Tablet	• Modified-release
Tipranavir	Aptivus	Capsule	• Bad taste ⁴
Tolterodine	Detrol LA	Capsule	• Modified-release
Topiramate	Topamax	Capsule, Tablet	• Bad taste • Capsules can be opened for administration of intact granules
Topiramate	Qudexy XR (US), Trokendi XR (US)	Capsule	• Modified-release • Can be opened for administration of intact granules (<i>Qudexy XR</i>)
Tramadol	ConZip (US), Ultram ER (US; brand discontinued), Zytram XL (Canada)	Capsule, Tablet	• Modified-release
Trazodone	Desyryl (brand discontinued)	Tablet	• Bad taste ⁵ • Scored tablets can be split

Medications That Should Not Be Crushed^{1,3-5,10,13,14,22}			
Generic Name	Brand Name	Dosage Form	Comments
Tucatinib	Tukysa	Tablet	• May be an amorphous solid dispersion ¹
Vadadustat	Vafseo (US)	Tablet	• No information on the effects of crushing
Valganciclovir	Valcyte	Tablet	• Irritant ¹⁷ • Risk fetal harm and impaired fertility • Carcinogenic
Valproic Acid	Depakene (brand discontinued)	Capsule	• Irritant (oropharyngeal)
Vandetanib	Caprelsa	Tablet	• Tablet may be dispersed in water. • Risk of fetal harm and impaired fertility
Vemurafenib	Zelboraf	Tablet	• Amorphous solid dispersion ⁹
Venetoclax	Venclexta	Tablet	• Amorphous solid dispersion ⁹
Venlafaxine	Effexor XR	Capsule	• Modified-release • Can be opened for administration of intact granules
Verapamil	Verelan (US), Verelan PM (US)	Capsule	• Modified-release • Can be opened for administration of intact granules
Verapamil	Isoptin SR (brand discontinued in US)	Tablet	• Modified-release • Scored tablets can be split
Vimseltinib	Romvimza (US)	Capsule	• No information on the effects of opening capsules
Vismodegib	Erivedge	Capsule	• Teratogenic
Voclosporin	Lupkynis	Capsule	• Special dosage form (one-piece soft gelatin capsule) suggests bioavailability may be altered if crushed ¹
Vorasidenib	Voranigo	Tablet	• No information on the effects of crushing
Vorinostat	Zolinza	Capsule	• Risk of fetal harm and impaired fertility
Xanomeline/trospium	Cobenfy (US)	Capsule	• No information on effects of opening capsules
Zileuton	Zyflo CR (US; brand discontinued)	Tablet	• Modified-release
Zolpidem	Ambien CR (US)	Tablet	• Modified-release
Zolpidem	Edluar (US), Intermezzo (US; brand discontinued)	Tablet	• Sublingual dosage form

Users of this resource are cautioned to use their own professional judgment and consult any other necessary or appropriate sources prior to making clinical judgments based on the content of this document. Our editors have researched the information with input from experts, government agencies, and national organizations. Information and internet links in this article were current as of the date of publication.

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