

List of drugs that may have potential CYP2C19 interactions

CYP2C19 Substrates

Carisoprodol Cilostazol Citalopram Clobazam Clomipramine Desogestrel Diazepam	Escitalopram Esomeprazole Fosphenytoin Imipramine Lansoprazole Mephenytoin Mephobarbital	Methsuximide Moclobemide Nelfinavir Nilutamide Omeprazole Pantoprazole Pentamidine	Phenobarbital Phenytoin Progesterone Rabeprazole Sertraline Trimipramine Voriconazole
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CYP2C19 Inhibitors

Amiodarone Amitriptyline Amprenavir Aprepitant Azelastine Bortezomib Buprenorphine Cholecalciferol/Vitamin D ₃ Cimetidine Citalopram Clotrimazole Clozapine Delavirdine Diazepam Dimethyl sulfoxide Drosiprenone Efavirenz Entacapone Ethinyl estradiol Ethotoin	Felbamate Fenofibrate Fluconazole Fluoxetine Fluvoxamine Fosamprenavir Gefitinib Gemfibrozil Imipramine Indinavir Indomethacin Isoniazid Ketoconazole Lansoprazole Letrozole Loratadine Losartan Mephobarbital Mestranol Methimazole	Methoxsalen Methsuximide Miconazole Moclobemide Modafinil Nelfinavir Nicardipine Nilutamide Olanzapine Omeprazole Orphenadrine Oxcarbazepine Paroxetine Pentamidine Pimozide Pioglitazone Probenecid Progesterone Propofol Rabeprazole	Ritonavir Rosiglitazone Saquinavir Selegiline Sertraline Sildenafil Sulconazole Telmisartan Ticlopidine Tioconazole Topiramate Torsemide Tranylcypromine Valdecoxib Valproic acid Voriconazole Warfarin Zafirlukast
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CYP2C19 Inducers

Aminoglutethimide Carbamazepine	Fosphenytoin Phenytoin	Rifampin	St. John's wort (1)
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When drugs classified as 'substrates' are co-administered with (*Study Agent*), there is the potential for higher concentrations of the 'substrate'. When (*Study Agent*) is co-administered with compounds classified as 'inhibitors', increased plasma concentrations of (*Study Agent*) is the potential outcome. The co-administration of 'inducers' would potentially lower plasma (*Study Agent*) concentrations.

Note: Adapted from Cytochrome P450 Enzymes: Substrates, Inhibitors, and Inducers. In: Lacy CF, Armstrong LL, Goldman MP, Lance LL eds. Drug Information Handbook 15TH ed. Hudson, OH; LexiComp Inc. 2007: 1899-1912.

Only major substrates and effective inducers are listed.

Additional information for drug interactions with cytochrome P450 isoenzymes can be found at <http://medicine.tupui.edu/flockhart/>.

(1) Wang *et al.* (2004). *Clin Pharmacol Ther.* 75:191-197