

# Potentially Significant Drug Interactions, including Contraindicated Drugs

## PAXLOVID™ (nirmatrelvir tablets; ritonavir tablets)

PAXLOVID has not been approved, but has been authorized for emergency use by FDA under an EUA, for the treatment of mild-to moderate COVID-19 in adults and pediatric patients (12 years of age and older weighing at least 40 kg) with positive results of direct SARS-CoV-2 viral testing, and who are at high-risk for progression to severe COVID-19, including hospitalization or death.

The emergency use of PAXLOVID is only authorized for the duration of the declaration that circumstances exist justifying the authorization of the emergency use of drugs and biological products during the COVID-19 pandemic under Section 564(b)(1) of the Act, 21 U.S.C. § 360bbb-3(b)(1), unless the declaration is terminated or authorization revoked sooner.



[Fact Sheet for Healthcare Providers](#)

[Fact Sheet for Patients, Parents, and Caregivers](#)

[FDA Emergency Use Authorization Letter](#)

## Important Information

- Information included in this document relates only to known or suspected effects of interacting medications, and where noted is derived from FDA-approved labeling or from the FDA-authorized fact sheet for PAXLOVID. Pfizer does not suggest or recommend the use of PAXLOVID in any manner other than as described in the EUA Fact Sheet for Healthcare Providers.
- The list of medications is meant to be used as a guide and is not meant to be a comprehensive list of all drugs that may impact or be contraindicated with PAXLOVID. If a medication is not listed in the EUA Fact Sheet for Healthcare Providers or in this resource, it should not be assumed it is safe to co-administer with PAXLOVID. Please consult the PAXLOVID EUA Fact Sheet for Healthcare Providers and the FDA-approved/authorized labeling for the co-administered medication for information on listed interactions and their treatment-emergent adverse events, as well as dosing or monitoring with concomitant use of a strong CYP3A inhibitor such as ritonavir.
- No clinical advice is given, or implied and healthcare providers must exercise their own judgement in relation to the risks and benefits of combining medications, which depend on factors beyond pharmacokinetic interactions between two medications.
- When considering drug combinations, pharmacokinetic, pharmacodynamics, and safety profile for each medication, in this case PAXLOVID and other medications, this document may be considered to help identify potential sources of interaction. Pfizer has not conducted any studies evaluating the safety and efficacy of PAXLOVID in combination with other medications. Healthcare providers may consider the information below and in the PAXLOVID EUA Fact Sheet for Healthcare Providers in determining if the combination of PAXLOVID with a specific (drug class) / drug is suitable for patient use.
- The information in this document is intended as educational, background information only for healthcare providers prescribing PAXLOVID in accordance with FDA-authorized labeling. If you are a consumer/patient experiencing a medical emergency, call 911 immediately and speak with your healthcare provider. This information should not replace a healthcare provider's medical advice based on clinical judgment or be used in lieu of a COVID-19 consultation when necessary.

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Drug Class	Clinical Information from FDA's EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
<b>Alpha 1-adrenoreceptor Antagonist</b>		
<b>Alfuzosin</b>	Co-administration contraindicated due to potential hypotension.	
Tamsulosin	Avoid concomitant use with PAXLOVID.	
<b>Analgesics</b>		
<b>Pethidine (Meperidine)</b>	Co-administration contraindicated due to potential for serious respiratory depression or hematologic abnormalities.	
<b>Antianginal</b>		
<b>Ranolazine</b>	Co-administration contraindicated due to potential for serious and/or life-threatening reactions.	
<b>Antiarrhythmics</b>		
<b>Amiodarone</b>	Co-administration contraindicated due to potential for cardiac arrhythmias.	
<b>Dronedarone</b>	Co-administration contraindicated due to potential for cardiac arrhythmias.	
<b>Flecainide</b>	Co-administration contraindicated due to potential for cardiac arrhythmias.	
Lidocaine (Systemic)	Caution is warranted and therapeutic concentration monitoring is recommended for antiarrhythmics if available.	

Potentially Significant Drug Interactions, including Contraindicated Drugs - PAXLOVID

Drug Class	Clinical Information from FDA's EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
Propafenone	Co-administration contraindicated due to potential for cardiac arrhythmias.	
Quinidine	Co-administration contraindicated due to potential for cardiac arrhythmias.	
<b>Anticancer Drugs</b>		
<a href="#">Abemaciclib</a>		Reduce doses of 200 mg twice daily or 150 mg twice daily to 100 mg twice daily. In patients who have had a dose reduction to 100 mg twice daily due to adverse reactions, further reduce dose to 50 mg twice daily. Increase abemaciclib dose after appropriate washout of PAXLOVID.
Apalutamide	Co-administration contraindicated due to potential loss of virologic response and possible resistance.	
<a href="#">Ceritinib</a>	Avoid concomitant use.	If concomitant use is unavoidable, reduce ceritinib dose by approximately one-third, rounded to the nearest multiple of the 150 mg dosage strength. After discontinuation of PAXLOVID, resume ceritinib dose taken prior to initiating PAXLOVID.
<a href="#">Dasatinib</a>	Avoid concomitant use.	If dasatinib must be administered with PAXLOVID, consider a dose decrease to 40 mg daily for patients taking 140 mg daily, 20 mg daily for patients taking 100 mg daily, and 20 mg daily for patients taking 70 mg daily. For patients taking 60 mg or 40 mg daily, consider interrupting dasatinib until the inhibitor is discontinued. Allow a washout period of approximately 1 week after the inhibitor is stopped before reinitiating dasatinib.
Encorafenib	Avoid co-administration due to potential risk of serious adverse effects such as QT interval prolongation.	
Ibrutinib	Avoid use.	
Ivosidenib	Avoid co-administration due to potential risk of serious adverse effects such as QT interval prolongation.	
Neratinib	Avoid use.	
<a href="#">Nilotinib</a>	Avoid concomitant use.	Should treatment with nitratrelvir; ritonavir be required, hold nilotinib. If coadministered, reduce dosage to 300 mg once daily in patients with resistant or intolerant Ph+ CML or to 200 mg once daily in patients with newly diagnosed Ph+ CML-CP. Monitor closely for prolongation of the QT interval.
Venetoclax	Avoid use.	
Vinblastine	Monitor for hematologic or gastrointestinal side effects.	
Vincristine	Monitor for hematologic or gastrointestinal side effects.	

Drug Class	Clinical Information from FDA’s EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
<b>Anticoagulants</b>		
Dabigatran	Increased bleeding risk with dabigatran. Depending on dabigatran indication and renal function, reduce dose of dabigatran or avoid concomitant use. Refer to the dabigatran product label for further information.	
Rivaroxaban	Avoid concomitant use.	
Warfarin	Closely monitor INR if co-administration is necessary.	
<b>Anticonvulsants</b>		
<b>Carbamazepine</b>	<b>Co-administration contraindicated due to potential loss of virologic response and possible resistance.</b>	
<b>Phenobarbital</b>	<b>Co-administration contraindicated due to potential loss of virologic response and possible resistance.</b>	
<b>Phenytoin</b>	<b>Co-administration contraindicated due to potential loss of virologic response and possible resistance.</b>	
<b>Primidone</b>	<b>Co-administration contraindicated due to potential loss of virologic response and possible resistance.</b>	
<b>Antidepressants</b>		
Bupropion	Monitor for an adequate clinical response to bupropion due to decreased concentrations.	
Trazodone	A lower dose of trazodone should be considered. Refer to trazodone product label for further information.	
<b>Antifungals</b>		
Ketoconazole	Use with caution. Monitor for adverse effects.	
<a href="#">Isavuconazonium Sulfate</a>	<b>Co-administration contraindicated due to increased concentrations of isavuconazole.</b>	
Itraconazole		Use with caution.
Voriconazole	Avoid concomitant use.	
<b>Anti-Gout</b>		
<b>Colchicine</b>	<b>Co-administration contraindicated due to potential for serious and/or life-threatening reactions in patients with renal and/or hepatic impairment.</b>	
<b>Anti-HIV</b>		
<a href="#">Bictegravir/Emtricitabine/Tenofovir</a>		No dose adjustment needed. May significantly increase concentrations of bictegravir and tenofovir. Monitor for adverse effects.
<a href="#">Efavirenz</a>		No dose adjustment needed. Consider monitoring for liver enzymes.
<a href="#">Maraviroc</a>		Reduce dose of maraviroc in adults to 150 mg twice daily.

Drug Class	Clinical Information from FDA's EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
<a href="#">Nevirapine</a>		No dose adjustment needed.
<a href="#">Zidovudine</a>		No dose adjustment needed.
<b>Anti-HIV Protease Inhibitors</b>		
<a href="#">Atazanavir</a>	Patients on <a href="#">ritonavir</a> - or <a href="#">cobicistat</a> -containing HIV regimens should continue their treatment as indicated. Monitor for increased PAXLOVID or protease inhibitor adverse events.	No dose modification.
<a href="#">Darunavir</a>	Patients on <a href="#">ritonavir</a> - or <a href="#">cobicistat</a> -containing HIV regimens should continue their treatment as indicated. Monitor for increased PAXLOVID or protease inhibitor adverse events.	No dose modification.
<a href="#">Tipranavir</a>	Patients on <a href="#">ritonavir</a> - or <a href="#">cobicistat</a> -containing HIV regimens should continue their treatment as indicated. Monitor for adverse effects.	No dose modification.
<b>Anti-Infectives</b>		
<a href="#">Bedaquiline</a>		Avoid use unless benefits outweigh risks. Monitor ECGs.
<a href="#">Clarithromycin</a>		Clarithromycin may be administered without dosage adjustment to patients with normal renal function taking ritonavir. For patients with CL <sub>CR</sub> 30 to 60 mL/min, the dose of clarithromycin should be reduced by 50%. For patients with CL <sub>CR</sub> < 30 mL/min, the dose of clarithromycin should be decreased by 75%.
<a href="#">Erythromycin</a>		Increased erythromycin levels. Monitor ECG for QT prolongation.
<a href="#">Rifabutin</a>		Reduce dose of rifabutin by at least 75%. Monitor for adverse effects.
<b>Rifampin</b>	<b>Co-administration contraindicated due to potential loss of virologic response and possible resistance. Alternate antimycobacterial drugs such as rifabutin should be considered.</b>	
Rifapentine	Avoid concomitant use with PAXLOVID.	
<b>Antipsychotics</b>		
<b>Lurasidone</b>	<b>Co-administration contraindicated due to serious and/or life-threatening reactions such as cardiac arrhythmias.</b>	
<b>Pimozide</b>	<b>Co-administration contraindicated due to serious and/or life-threatening reactions such as cardiac arrhythmias.</b>	
<b>Clozapine</b>	<b>Co-administration contraindicated due to serious and/or life-threatening reactions such as cardiac arrhythmias.</b>	

Drug Class	Clinical Information from FDA’s EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
<a href="#">Quetiapine</a>	Reduce dose and monitor for adverse effects. Refer to the quetiapine prescribing information for recommendations.	Caution is indicated when quetiapine is administered with inhibitors of cytochrome P450 3A.
<b>Benign Prostatic Hyperplasia Agents</b>		
<b>Sildenafil</b>	<b>Co-administration contraindicated due to potential for postural hypotension.</b>	
<b>Calcium Channel Blockers</b>		
Amlodipine	Use with caution. Consider decreasing the dose and monitor for adverse effects.	
Diltiazem	Use with caution. Consider decreasing the dose and monitor for adverse effects.	
Felodipine	Use with caution. Consider decreasing the dose and monitor for adverse effects.	
Nicardipine	Use with caution. Consider decreasing the dose and monitor for adverse effects.	
Nifedipine	Use with caution. Consider decreasing the dose and monitor for adverse effects.	
<b>Cardiac Glycoside</b>		
Digoxin	Use with caution and monitor serum digoxin levels.	
<b>Cardiovascular Agents</b>		
Aliskiren	Avoid concomitant use with PAXLOVID.	
Clopidogrel	Avoid concomitant use with PAXLOVID.	
<b>Eplerenone</b>	<b>Co-administration with eplerenone is contraindicated due to potential for hyperkalemia.</b>	
<b>Ivabradine</b>	<b>Co-administration with ivabradine is contraindicated due to potential for bradycardia or conduction disturbances.</b>	
Ticagrelor	Avoid concomitant use with PAXLOVID.	
Vorapaxar	Avoid concomitant use with PAXLOVID.	
<b>Corticosteroids</b>		
Betamethasone	Co-administration with corticosteroids (all routes of administration) of which exposures are significantly increased by strong CYP3A inhibitors can increase the risk of Cushing’s syndrome and adrenal suppression. However the risk of Cushing’s syndrome and adrenal suppression associated with short-term use of a strong CYP3A4 inhibitor is low.  Alternative corticosteroids including beclomethasone, prednisone, and prednisolone should be considered.	
Budesonide	Monitor for adverse effects. Consider switching to beclomethasone or prednisolone.	

Drug Class	Clinical Information from FDA’s EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
Ciclesonide	Monitor for adverse effects. Consider switching to beclomethasone or prednisolone.	
Dexamethasone	<p>Co-administration with corticosteroids (all routes of administration) of which exposures are significantly increased by strong CYP3A inhibitors can increase the risk of Cushing’s syndrome and adrenal suppression. However the risk of Cushing’s syndrome and adrenal suppression associated with short-term use of a strong CYP3A4 inhibitor is low.</p> <p>Alternative corticosteroids including beclomethasone, prednisone, and prednisolone should be considered.</p>	
Fluticasone	<p>Co-administration with corticosteroids (all routes of administration) of which exposures are significantly increased by strong CYP3A inhibitors can increase the risk of Cushing’s syndrome and adrenal suppression. However the risk of Cushing’s syndrome and adrenal suppression associated with short-term use of a strong CYP3A4 inhibitor is low.</p> <p>Alternative corticosteroids including beclomethasone, prednisone, and prednisolone should be considered.</p>	
Methylprednisolone	<p>Co-administration with corticosteroids (all routes of administration) of which exposures are significantly increased by strong CYP3A inhibitors can increase the risk of Cushing’s syndrome and adrenal suppression. However the risk of Cushing’s syndrome and adrenal suppression associated with short-term use of a strong CYP3A4 inhibitor is low.</p> <p>Alternative corticosteroids including beclomethasone, prednisone, and prednisolone should be considered.</p>	
Mometasone	<p>Co-administration with corticosteroids (all routes of administration) of which exposures are significantly increased by strong CYP3A inhibitors can increase the risk of Cushing’s syndrome and adrenal suppression. However the risk of Cushing’s syndrome and adrenal suppression associated with short-term use of a strong CYP3A4 inhibitor is low.</p> <p>Alternative corticosteroids including beclomethasone, prednisone, and prednisolone should be considered.</p>	



Drug Class	Clinical Information from FDA’s EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
Triamcinolone	<p>Co-administration with corticosteroids (all routes of administration) of which exposures are significantly increased by strong CYP3A inhibitors can increase the risk of Cushing’s syndrome and adrenal suppression. However the risk of Cushing’s syndrome and adrenal suppression associated with short-term use of a strong CYP3A4 inhibitor is low.</p> <p>Alternative corticosteroids including beclomethasone, prednisone, and prednisolone should be considered.</p>	
<b>Cystic Fibrosis Transmembrane Conductance Regulator Potentiators</b>		
Elexacaftor/Tezacaftor/Ivacaftor	Reduce dosage when co administered with PAXLOVID. Refer to individual product labels for more information.	
Ivacaftor	Reduce dosage when co administered with PAXLOVID. Refer to individual product labels for more information.	
<b>Lumacaftor/Ivacaftor</b>	<b>Co-administration contraindicated due to potential loss of virologic response and possible resistance.</b>	
Tezacaftor/Ivacaftor	Reduce dosage when co administered with PAXLOVID. Refer to individual product labels for more information.	
<b>Endothelin Receptor Antagonists</b>		
Bosentan	Discontinue use at least 36 hours prior to initiation of PAXLOVID.	
<b>Ergot Derivatives</b>		
<b>Dihydroergotamine</b>	<b>Co-administration contraindicated due to potential for acute ergot toxicity characterized by vasospasm and ischemia of the extremities and other tissues including the central nervous system.</b>	
<b>Ergotamine</b>	<b>Co-administration contraindicated due to potential for acute ergot toxicity characterized by vasospasm and ischemia of the extremities and other tissues including the central nervous system.</b>	
<b>Methylergonovine</b>	<b>Co-administration contraindicated due to potential for acute ergot toxicity characterized by vasospasm and ischemia of the extremities and other tissues including the central nervous system.</b>	
<b>Hepatitis C Direct Acting Antivirals</b>		
Elbasvir/Grazoprevir	Increased grazoprevir concentrations can result in ALT elevations. Monitor ALT levels. Consider decreasing dose or consulting with Infectious disease specialist.	
Glecaprevir/Pibrentasvir	Avoid use with PAXLOVID. Consider another regimen.	



Drug Class	Clinical Information from FDA’s EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
<a href="#">Ombitasvir/Paritaprevir/Ritonavir and Dasabuvir</a>	Patients on <a href="#">ritonavir</a> -containing HCV regimens should continue their treatment as indicated. Monitor for adverse effects.	No dose modification
Ritonavir-Containing HCV regimens	Continue treatment as indicated. No dose adjustment needed. Monitor for adverse effects.	
<a href="#">Sofosbuvir/Velpatasvir/Voxilaprevir</a>		Plasma concentration of Velpatasvir and/or Voxilaprevir may increase.
<b>Herbal Products</b>		
<b>St. John’s Wort (<i>hypericum perforatum</i>)</b>	<b>Co-administration contraindicated due to potential loss of virologic response and possible resistance.</b>	
<b>HMG-CoA Reductase Inhibitors</b>		
Atorvastatin	Consider temporary discontinuation of atorvastatin during treatment with PAXLOVID. Atorvastatin does not need to be held prior to or after completing PAXLOVID.	
<b>Lovastatin</b>	<b>Co-administration contraindicated due to potential for myopathy including rhabdomyolysis.</b>  <b>Discontinue use of lovastatin at least 12 hours prior to initiation of PAXLOVID, during the 5 days of PAXLOVID treatment and for 5 days after completing PAXLOVID.</b>	
Rosuvastatin	Consider temporary discontinuation of rosuvastatin during treatment with PAXLOVID. Rosuvastatin does not need to be held prior to or after completing PAXLOVID.	
<b>Simvastatin</b>	<b>Co-administration contraindicated due to potential for myopathy including rhabdomyolysis.</b>  <b>Discontinue use of simvastatin at least 12 hours prior to initiation of PAXLOVID, during the 5 days of PAXLOVID treatment and for 5 days after completing PAXLOVID.</b>	
<b>Hormonal Contraception</b>		
Ethinyl Estradiol	An additional, non-hormonal method of contraception should be considered during the 5 days of PAXLOVID treatment and until one menstrual cycle after stopping PAXLOVID.	

Drug Class	Clinical Information from FDA’s EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
<b>Immunosuppressants</b>		
<a href="#">Cyclosporine</a>	<p>Avoid use of PAXLOVID when close monitoring of immunosuppressant concentrations is not feasible. If co administered, dose adjustment of the immunosuppressant and monitoring for immunosuppressant concentrations and immunosuppressant-associated adverse reactions is recommended.</p> <p>Refer to the individual immunosuppressant product label for further information and obtain expert consultation from the patient’s immunosuppressive therapy specialist.</p>	Use with caution.
<a href="#">Everolimus</a>	<p>Avoid concomitant use.</p> <p>Avoid use of PAXLOVID when close monitoring of immunosuppressant concentrations is not feasible. If co administered, dose adjustment of the immunosuppressant and monitoring for immunosuppressant concentrations and immunosuppressant-associated adverse reactions is recommended.</p> <p>Refer to the individual immunosuppressant product label for further information and obtain expert consultation from the patient’s immunosuppressive therapy specialist.</p>	
<a href="#">Sirolimus</a>	<p>Avoid concomitant use.</p> <p>Avoid use of PAXLOVID when close monitoring of immunosuppressant concentrations is not feasible. If co administered, dose adjustment of the immunosuppressant and monitoring for immunosuppressant concentrations and immunosuppressant-associated adverse reactions is recommended.</p> <p>Refer to the individual immunosuppressant product label for further information and obtain expert consultation from the patient’s immunosuppressive therapy specialist.</p>	If co-administered, monitor sirolimus concentrations.

Drug Class	Clinical Information from FDA's EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
<a href="#">Tacrolimus</a>	<p>Avoid use of PAXLOVID when close monitoring of immunosuppressant concentrations is not feasible. If co-administered, dose adjustment of the immunosuppressant and monitoring for immunosuppressant concentrations and immunosuppressant-associated adverse reactions is recommended.</p> <p>Refer to the individual immunosuppressant product label for further information and obtain expert consultation from the patient's immunosuppressive therapy specialist.</p>	Reduce dose of tacrolimus. Monitor tacrolimus concentrations and tacrolimus-associated adverse reactions.
<b>Voclosporin</b>	<b>Co-administration contraindicated due to potential for acute and/or chronic nephrotoxicity.</b>	
<b>Long-Acting Beta-adrenoceptor Agonist</b>		
Salmeterol	Co-administration not recommended due to increased risk of cardiovascular adverse events.	
<b>Microsomal Triglyceride Transfer Protein (MTTP) Inhibitor</b>		
<b>Lomitapide</b>	<b>Co-administration contraindicated due to potential for hepatotoxicity and gastrointestinal adverse reactions.</b>	
<b>Migraine Medications</b>		
<b>Eletriptan</b>	<b>Co-administration of eletriptan within at least 72 hours of PAXLOVID is contraindicated due to potential for serious adverse reactions including cardiovascular and cerebrovascular events.</b>	
Rimegepant	Avoid concomitant use with Paxlovid.	
<b>Ubrogepant</b>	<b>Co-administration of ubrogepant with PAXLOVID is contraindicated due to potential for serious adverse reactions.</b>	
<b>Mineralocorticoid Receptor Antagonists</b>		
<b>Finerenone</b>	<b>Co-administration contraindicated due to potential for serious adverse reactions including hyperkalemia, hypotension, and hyponatremia.</b>	
<b>Narcotic Analgesics</b>		
Fentanyl	Careful monitoring of therapeutic and adverse effects (including potentially fatal respiratory depression) is recommended when fentanyl is concomitantly administered with PAXLOVID.	
Hydrocodone	Careful monitoring of therapeutic and adverse effects (including potentially fatal respiratory depression) is recommended when hydrocodone is concomitantly administered with PAXLOVID.	

Drug Class	Clinical Information from FDA's EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
Methadone	Monitor methadone-maintained patients closely for evidence of withdrawal effects and adjust the methadone dose accordingly.	
Oxycodone	Careful monitoring of therapeutic and adverse effects (including potentially fatal respiratory depression) is recommended when oxycodone is concomitantly administered with PAXLOVID.	
<b>Neuropsychiatric Agents</b>		
Suvorexant	Avoid concomitant use with PAXLOVID.	
<b>PDE5 Inhibitors (When used for Pulmonary Hypertension)</b>		
<b>Sildenafil (Revatio) for Pulmonary Arterial Hypertension</b>	<b>Co-administration contraindicated due to the potential for sildenafil associated adverse events, including visual abnormalities hypotension, prolonged erection, and syncope.</b>	
Tadalafil (Adcirca)	Avoid concomitant use of tadalafil with PAXLOVID.	
<b>PDE5 Inhibitors (When used for Erectile Dysfunction)</b>		
Avanafil	Do not use PAXLOVID with avanafil because a safe and effective avanafil dosage regimen has not been established.	
Sildenafil	Dosage adjustment is recommended for use of sildenafil with PAXLOVID. Refer to individual product label for more information.	
Tadalafil	Dosage adjustment is recommended for use of tadalafil with PAXLOVID. Refer to individual product label for more information.	
Vardenafil	Dosage adjustment is recommended for use of vardenafil with PAXLOVID. Refer to individual product label for more information.	
<b>Opioid Antagonists</b>		
<b>Naloxegol</b>	<b>Co-administration contraindicated due to the potential for opioid withdrawal symptoms.</b>	
<b>Sedatives/Hypnotics</b>		
<b>Midazolam (oral)</b>	<b>Co-administration contraindicated due to potential for extreme sedation and respiratory depression.</b>	
Midazolam (parenterally)	Administer in clinical setting to monitor for adverse effects. Reduce dose of midazolam (parenterally) if more than one dose is needed.	

Drug Class	Clinical Information from FDA's EUA Fact Sheet for PAXLOVID	Clinical Information from FDA-Approved Labeling for Interacting Drug (if available)
Triazolam	Co-administration contraindicated due to potential for extreme sedation and respiratory depression.	
<b>Serotonin Receptor 1A Agonist/Serotonin Receptor 2A Antagonist</b>		
Filbanserin	Co-administration contraindicated due to potential for hypotension, syncope, and CNS depression.	
<b>Vasopressin Receptor Antagonists</b>		
Tolvaptan	Co-administration contraindicated due to potential for dehydration, hypovolemia and hyperkalemia.	

## Additional Information

- For any questions, contact Pfizer US Medical Information by visiting [www.pfizermedinfo.com](http://www.pfizermedinfo.com) or calling 1-800-438-1985.
- As a result of ongoing research, this information may change from time to time based on new information. Pfizer has made all attempts to ensure the accuracy of this information based on relevant data in the public domain.
- If this document was obtained from a source other than Pfizer's Medical website (<https://pfizermedical.pfizerpro.com>), please visit the webpage for the most up-to-date version.
- All FDA-approved labeling for interacting drugs referenced in this resource were accessed on **6/28/2022**.