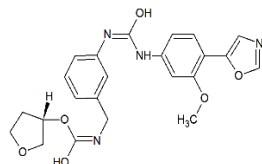


# Merimepodib

**ALTERNATE NAME:** (3S)-oxolan-3-yl N-[[3-([3-methoxy-4-(1,3-oxazol-5-yl)phenyl]carbamoyl)amino]phenyl]methyl}carbamate  
VX-497  
VX497

**CATALOG #:** B2705-5 5 mg  
B2705-25 25 mg

**STRUCTURE:**



**MOLECULAR FORMULA:** C<sub>23</sub>H<sub>24</sub>N<sub>4</sub>O<sub>6</sub>

**MOLECULAR WEIGHT:** 452.46

**CAS NUMBER:** 198821-22-6

**APPEARANCE:** Crystalline solid

**PURITY:** ≥98%

**SOLUBILITY:** ~30 mg/ml DMSO

**DESCRIPTION:** Merimepodib (VX-497) is a novel noncompetitive inhibitor of inosine monophosphate dehydrogenase (IMPDH). Merimepodib is orally bioavailable and inhibits the proliferation of primary human, mouse, rat, and dog lymphocytes at concentrations of approximately 100 nM. It displays broad spectrum antiviral activities. It inhibits SARS-CoV-2 replication *in vitro*.

**STORAGE TEMPERATURE:** -20°C

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Human Inosine-5'-Monophosphate Dehydrogenase (IMPDH) Inhibitor Screening Assay Kit (K495)  
Human Inosine-5'-Monophosphate Dehydrogenase II, human recombinant (P1131)  
AVN-944 (B2230)

**DISCLAIMER:** ***FOR RESEARCH USE ONLY! Not to be used on humans.***