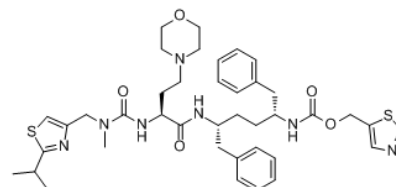


Product Name : Cobicistat
Cat. No. : PC-42617
CAS No. : 1004316-88-4
Molecular Formula : C₄₀H₅₃N₇O₅S₂
Molecular Weight : 776.0227
Target : Cytochrome P450 (CYPs)
Solubility : DMSO: ≥ 29 mg/mL



Biological Activity

Cobicistat (GS-9350) is a pharmacoenhancer that acts as potent and selective inhibitor of human **CYP3A** with IC₅₀ of 30-285 nM.

Cobicistat (GS-9350) is a more selective than RTV with much reduced inhibitory activity toward CYP2D6, CYP2C8, and CYP2C9.

References

Xu L, et al. *ACS Med Chem Lett.* 2010 May 17;1(5):209-13.

Lepist EI, et al. *Antimicrob Agents Chemother.* 2012 Oct;56(10):5409-13.

Stray KM, et al. *Antimicrob Agents Chemother.* 2013 Oct;57(10):4982-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com