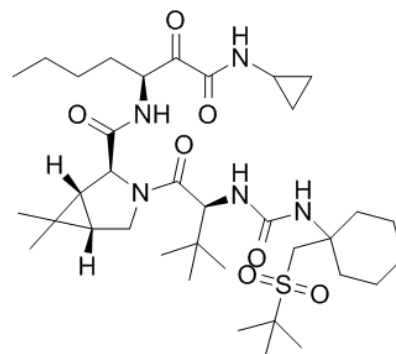


Product Name : Narlaprevir
Cat. No. : PC-42515
CAS No. : 865466-24-6
Molecular Formula : C₃₆H₆₁N₅O₇S
Molecular Weight : 707.9639
Target : HCV
Solubility : 10 mM in DMSO



Biological Activity

Narlaprevir (SCH900518) is a potent, second generation **HCV NS3 serine protease** inhibitor with K_i of 6 nM. Narlaprevir displays no significant issues in the in vitro CYP or hERG assay. Narlaprevir shows replicon EC₉₀ of 40 nM; exhibits improved potency (~10-fold over Boceprevir), pharmacokinetic profile and physicochemical characteristics.

References

- Arasappan A, et al. *ACS Med Chem Lett.* 2010 Feb 15;1(2):64-9.
Tong X, et al. *Antimicrob Agents Chemother.* 2010 Jun;54(6):2365-70.
de Bruijne J, et al. *Hepatology.* 2010 Nov;52(5):1590-9.

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

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