

Product Data Sheet

Product Name: Samatasvir

Cat. No.: GC64016

Chemical Properties

Cas. No. 1312547-19-5

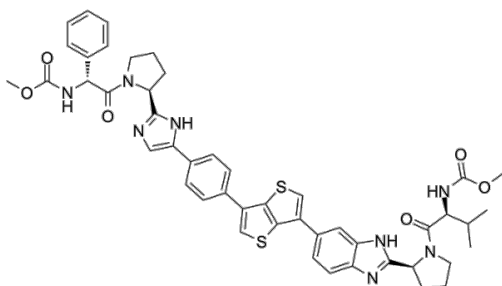
Formula C₄₇H₄₈N₈O₆S₂ M.Wt 885.06

Solubility DMSO : 50 mg/mL (56.49 mM; Need ultrasonic) Storage 4°C, protect from light

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Samatasvir (IDX71) is a potent, orally active NS5A inhibitor of HCV replication. Samatasvir is

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Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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effective and selective against infectious HCV and replicons, with EC50s falling within a tight range of 2 to 24 pM in genotype 1 through 5 replicons[1].

Samatasvir (IDX719) retains full activity in the presence of HIV and hepatitis B virus (HBV) antivirals and is not cross-resistant with HCV protease, nucleotide, and nonnucleoside polymerase inhibitor classes[1].

[1]. Bilello JP, et al. In vitro activity and resistance profile of samatasvir, a novel NS5A replication inhibitor of hepatitis C virus. *Antimicrob Agents Chemother.* 2014;58(8):4431-4442.

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