

Product Data Sheet

Product Name: Ledipasvir diacetone

Cat. No.: GC36436

Chemical Properties

Cas. No. 1502655-48-2

SMILES O=C(OC)N[C@H](C(N([C@H](C1=NC=C(C2=CC(C(F)(F)C3=C4C=CC(C5=CC=C6N=C([C@H]7N(C([C@@H](NC(OC)=O)C(C)C)=O)[C@]8([H])CC[C@@]7([H])C8)NC6=C5)=C3)=C4C=C2)N1)C9)CC%109CC%10)=O)C(C)C.CC(C)=O.CC(C)=O

Formula C₅₅H₆₆F₂N₈O₈ M.Wt 1005.16

Solubility Soluble in DMSO Storage Store at -20°C

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.

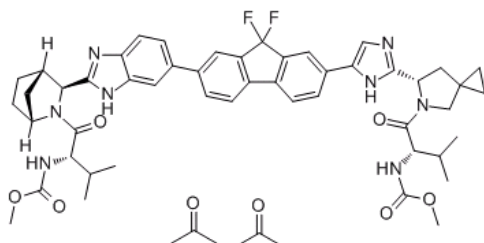
Caution: Product has not been fully validated for medical applications. For research use only.

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

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

Product Data Sheet

Structure



Background

Ledipasvir diacetone is the active pharmaceutical ingredient of Ledipasvir. Ledipasvir is an inhibitor of the hepatitis C virus NS5A, with EC₅₀ values of 34 pM against GT1a and 4 pM against GT1b replicon.

Ledipasvir diacetone is considered the active pharmaceutical ingredient, which is converted to Ledipasvir spray-dried dispersion, an amorphous free base.

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