

Ledipasvir-D6

Chemical Properties

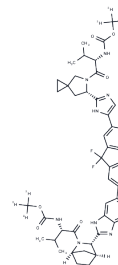
CAS No. :

Formula: C49H48D6F2N8O6

Molecular Weight: 895.04

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description

Ledipasvir-D6 is a deuterated compound of Ledipasvir. Ledipasvir (T6200) has a CAS number of 1256388-51-8. Ledipasvir (T6200) is a Hepatitis C Virus NS5A Inhibitor. The mechanism of action of ledipasvir is as a P-Glycoprotein Inhibitor, and Breast Cancer Resistance Protein Inhibitor.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1173 mL	5.5863 mL	11.1727 mL
5 mM	0.2235 mL	1.1173 mL	2.2345 mL
10 mM	0.1117 mL	0.5586 mL	1.1173 mL
50 mM	0.0223 mL	0.1117 mL	0.2235 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Link JO, et al. Discovery of ledipasvir (GS-5885): a potent, once-daily oral NS5A inhibitor for the treatment of hepatitis C virus infection. J Med Chem. 2014 Mar 13;57(5):2033-46.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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