

Datasheet

Ledipasvir

Product Name	Ledipasvir (GS5885)
Catalogue Number	BSV-S7579
Chemical Formula	C ₄₉ H ₅₄ F ₂ N ₈ O ₆
Function	HCV protease inhibitor
CAS No.:	1256388-51-8

Description:

Ledipasvir (GS5885) is a **HCV NS5A polymerase** inhibitor, used for the treatment of hepatitis C virus infection.

Product Details:

Target: HCV [\[1\]](#)

Chemical name: N-[(1S)-1-[[[(6S)-6-[5-[9,9-difluoro-7-[2-[(1R,3S,4S)-2-[(2S)-2-[(methoxycarbonyl)amino]-3-methyl-1-oxobutyl]-2-azabicyclo[2.2.1]hept-3-yl]-1H-benzimidazol-6-yl]-9H-fluoren-2-yl]-1H-imidazol-2-yl]-5-azaspiro[2.4]hept-5-yl]carbonyl]-2-methylpropyl]-carbamic acid methyl ester

Formula: C₄₉H₅₄F₂N₈O₆

Molecular weight: 889

Purity: 99.85 % (HPLC)

Solubility: 100 mg/mL (DMSO), 100 mg/mL (ethanol)

Storage: 3 years -20°C powder, 2 years -80°C in solvent

Regulatory/ Restrictions: For laboratory use only.

Preparing stock solutions:

Concentration/ Mass	1 mg	5 mg	10 mg
1 mM	1.1249 mL	5.6243 mL	11.2486 mL
5 mM	0.2250 mL	1.1249 mL	2.2497 mL
10 mM	0.1125 mL	0.5624 mL	1.1249 mL
50 mM	0.0225 mL	0.1125 mL	0.2250 mL

References:

[\[1\] Link JO, et al. J Med Chem,2014,57\(5\):2033-46.](#)