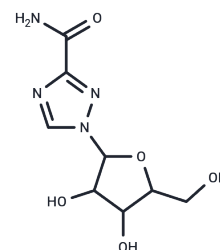


Levovirin

Chemical Properties

CAS No. :	206269-27-4
Formula:	C ₈ H ₁₂ N ₄ O ₅
Molecular Weight:	244.20
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	Levovirin (L-Ribavirin), the L-enantiomer of ribavirin, is a guanosine nucleoside analog with immunomodulatory activity and is used in the study of hepatitis C virus infection.
Targets(IC50)	Others,HCV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.095 mL	20.475 mL	40.950 mL
5 mM	0.819 mL	4.095 mL	8.190 mL
10 mM	0.4095 mL	2.0475 mL	4.095 mL
50 mM	0.0819 mL	0.4095 mL	0.819 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

- Fang C, et al. Effect of ribavirin, levovirin and viramidine on liver toxicological gene expression in rats. J Appl Toxicol. 2003 Nov-Dec;23(6):453-9.
- Lin CC, et al. Absorption, pharmacokinetics and excretion of levovirin in rats, dogs and cynomolgus monkeys. J Antimicrob Chemother. 2003 Jan;51(1):93-9.
- Li F, et al. Transport of levovirin prodrugs in the human intestinal Caco-2 cell line. J Pharm Sci. 2006 Jun;95(6):1318-25.
- Lin CC, et al. Specific, sensitive and accurate LC-MS/MS method for the measurement of levovirin in rat and monkey plasma. J Pharm Biomed Anal. 2002 Sep 5;30(2):239-46.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481