Data Sheet (Cat.No.T67887)

TargetMol

BDCRB

Chemical Properties

CAS No. :

Formula: C12H11BrCl2N2O4

Molecular Weight: 398.04

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	BDCRB inhibits herpesvirus DNA maturation. BDCRB causes the HCMV terminase to skip the normal cleavage site and to continue to package DNA until a second cleavage site is encountered 30 kb further along the concatemer.
Targets(IC50)	HCV Protease,HSV

Solubility Information

Solubility	DMSO: 55 mg/mL (138.18 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5123 mL	12.5616 mL	25.1231 mL
5 mM	0.5025 mL	2.5123 mL	5.0246 mL
10 mM	0.2512 mL	1.2562 mL	2.5123 mL
50 mM	0.0502 mL	0.2512 mL	0.5025 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

Shin HC, et al. Interaction of intestinal nucleoside transporter hCNT2 with amino acid ester prodrugs of floxuridine and 2-bromo-5,6-dichloro-1-beta-D-ribofuranosylbenzimidazole. Biol Pharm Bull. 2006 Feb;29(2):247-52.

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