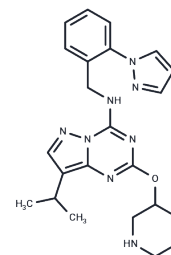


LDC4297

Chemical Properties

CAS No. : 1453834-21-3
 Formula: C₂₃H₂₈N₈O
 Molecular Weight: 432.52
 Appearance: no data available
 Storage: store at low temperature
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LDC4297 (LDC044297) is a potent and selective CDK7 inhibitor.
Targets(IC50)	CDK,HSV

Solubility Information

Solubility	DMSO: 60 mg/mL (138.72 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.312 mL	11.5602 mL	23.1203 mL
5 mM	0.4624 mL	2.312 mL	4.6241 mL
10 mM	0.2312 mL	1.156 mL	2.312 mL
50 mM	0.0462 mL	0.2312 mL	0.4624 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.

Reference

Hutterer C, et al. A novel CDK7 inhibitor of the Pyrazolotriazine class exerts broad-spectrum antiviral activity at nanomolar concentrations. Antimicrob Agents Chemother. 2015 Apr;59(4):2062-71.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481