

Ulecaciclilb

Chemical Properties

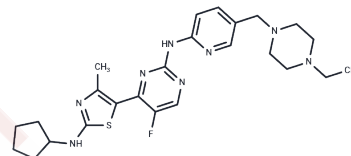
CAS No. : 2075750-05-7

Formula: C₂₅H₃₃FN₈S

Molecular Weight: 496.65

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	Ulecaciclilb is an orally active, blood-brain barrier-transparent, cell cycle protein-dependent kinase (CDK) inhibitor that exhibits favorable pharmacokinetic profiles, with k_i of 0.62 μ M (CDK2/Cyclin A), 3 nM (CDK6/Cyclin D3), 0.2 nM (CDK4/Cyclin D1) and 0.63 μ M (CDK7/Cyclin H) for CDKs. D1) and 0.63 μ M (CDK7/Cyclin H).
Targets(IC50)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0135 mL	10.0675 mL	20.1349 mL
5 mM	0.4027 mL	2.0135 mL	4.027 mL
10 mM	0.2013 mL	1.0067 mL	2.0135 mL
50 mM	0.0403 mL	0.2013 mL	0.4027 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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