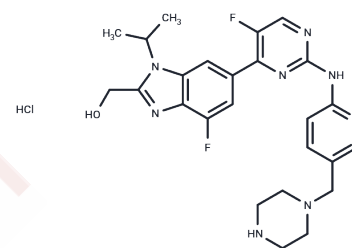


LSN3106729 hydrochloride

Chemical Properties

CAS No. :	2704316-82-3
Formula:	C ₂₅ H ₂₉ ClF ₂ N ₈ O
Molecular Weight:	531.00
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	LSN3106729 hydrochloride, the metabolite of Abemaciclib, is a CDK inhibitor with antitumor activity. LSN3106729 hydrochloride and a CRBN ligand have been used to design PROTAC CDK4/6 degrader[1].
Targets(IC50)	Others,CDK,Ligands for Target Protein for PROTAC

Solubility Information

Solubility	DMSO: 125 mg/mL (235.4 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	1.8832 mL	9.4162 mL	18.8324 mL
5 mM	0.3766 mL	1.8832 mL	3.7665 mL
10 mM	0.1883 mL	0.9416 mL	1.8832 mL
50 mM	0.0377 mL	0.1883 mL	0.3766 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

- Edward S. Kim, et al. Abemaciclib in Combination with Single-Agent Options in Patients with Stage IV Non-Small Cell Lung Cancer: A Phase Ib Study.
- Nathanael Gray, et al. Degradation of cyclin-dependent kinase 4/6 (cdk4/6) by conjugation of cdk4/6 inhibitors with e3 ligase ligand and methods of use. WO2017185031A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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