

CDK ligand for PROTAC hydrochloride

Chemical Properties

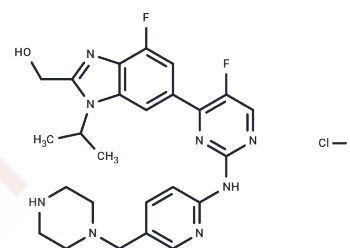
CAS No. :

Formula: C₂₅H₂₉ClF₂N₈O

Molecular Weight: 531

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CDK ligand for PROTAC hydrochloride is a CDK inhibitor with antitumor activity. It has been used to design PROTAC CDK4/6 degraders.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 125 mg/mL (235.40 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.

Reference

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.

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