

CDK9-IN-10

Chemical Properties

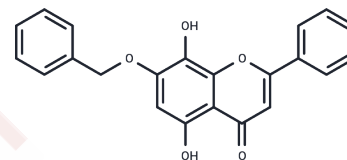
CAS No. : 3542-63-0

Formula: C₂₂H₁₆O₅

Molecular Weight: 360.36

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	CDK9-IN-10 is a potent inhibitor of CDK9 and serves as the ligand for the PROTAC CDK9 degrader-2.
Targets(IC50)	CDK,Ligands for Target Protein for PROTAC

Solubility Information

Solubility	DMSO: 90 mg/mL (249.75 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	2.775 mL	13.875 mL	27.750 mL
5 mM	0.555 mL	2.775 mL	5.550 mL
10 mM	0.2775 mL	1.3875 mL	2.775 mL
50 mM	0.0555 mL	0.2775 mL	0.555 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

Bian J, et al. Discovery of Wogonin-based PROTACs against CDK9 and capable of achieving antitumor activity. Bioorg Chem. 2018 Dec;81:373-381.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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