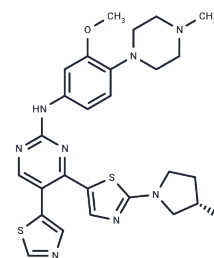


WEE1-IN-11

Chemical Properties

CAS No. : 2975172-98-4
 Formula: C₂₆H₂₉N₈O₂
 Molecular Weight: 552.69
 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	WEE1-IN-11 (Compound 13) serves as a potent CDK2 inhibitor with an IC ₅₀ of 2.0 nM. It exhibits inhibitory effects on several cell lines, including NCI-H446, A427, OVCAR3, C33A, and WiDr, with respective IC ₅₀ values of 93.9, 34.5, 86.7, 23.1, and 85 nM.
Targets(IC ₅₀)	Wee1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8093 mL	9.0467 mL	18.0933 mL
5 mM	0.3619 mL	1.8093 mL	3.6187 mL
10 mM	0.1809 mL	0.9047 mL	1.8093 mL
50 mM	0.0362 mL	0.1809 mL	0.3619 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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