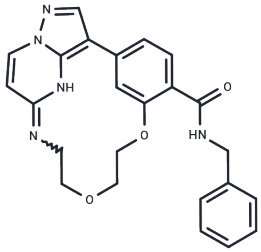
Data Sheet (Cat.No.T210876)

TargetMol

AAK1-IN-8

Chemical Properties



CAS No. : 2969205-90-9

Formula: C24H23N5O3

Molecular Weight: 429.47

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	AAK1-IN-8 (Compound 18) is a broad-spectrum NAK inhibitor. It effectively inhibits AAK1 and GAK with EC50 values of 50 nM and 190 nM, respectively, and prevents the phosphorylation of the AP2-μ2 subunit at threonine 156 (T156).
Targets(IC50)	Serine/threonin kinase,AAK1 (AP2 associated kinase 1)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3285 mL	11.6423 mL	23.2845 mL
5 mM	0.4657 mL	2.3285 mL	4.6569 mL
10 mM	0.2328 mL	1.1642 mL	2.3285 mL
50 mM	0.0466 mL	0.2328 mL	0.4657 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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