Data Sheet (Cat.No.T40263)



CDK5-IN-1

Chemical Properties

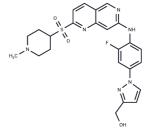
CAS No.: 2639540-19-3

Formula: C24H25FN6O3S

Molecular Weight: 496.56

Appearance: no data available

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



Biological Description

Description CDK5-IN-1 is a highly potent inhibitor of CDK5, displaying an inhibitory activity of less than 10 nM. This potent compound is specifically employed in scientific investigations

relating to kidney diseases.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0139 mL	10.0693 mL	20.1386 mL
5 mM	0.4028 mL	2.0139 mL	4.0277 mL
10 mM	0.2014 mL	1.0069 mL	2.0139 mL
50 mM	0.0403 mL	0.2014 mL	0.4028 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

Goran MALOJCIC, et al. Substituted 1, 6-naphthyridine inhibitors of cdk5. Patent WO2021067569.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

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