

BPKDi

Chemical Properties

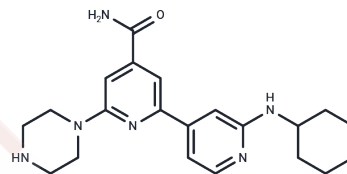
CAS No. : 1201673-28-0

Formula: C₂₁H₂₈N₆O

Molecular Weight: 380.49

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	BPKDi is a potent and selective inhibitor of PKD (protein kinase D).
Targets(IC50)	Others,Serine/threonin kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6282 mL	13.1409 mL	26.2819 mL
5 mM	0.5256 mL	2.6282 mL	5.2564 mL
10 mM	0.2628 mL	1.3141 mL	2.6282 mL
50 mM	0.0526 mL	0.2628 mL	0.5256 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

Monovich L, Vega RB, Meredith E, Miranda K, Rao C, Capparelli M, Lemon DD, Phan D, Koch KA, Chapo JA, Hood DB, McKinsey TA. A novel kinase inhibitor establishes a predominant role for protein kinase D as a cardiac class IIa histone deacetylase kinase. FEBS Lett. 2010 Feb 5;584(3):631-7. doi: 10.1016/j.febslet.2009.12.014. Epub 2009 Dec 14. PubMed PMID: 20018189.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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