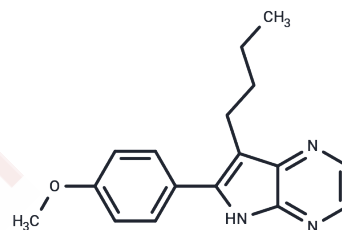


RP-106

Chemical Properties

CAS No. : 496864-15-4
 Formula: C₁₇H₁₉N₃O
 Molecular Weight: 281.35
 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	RP-106 is an ATP-competitive inhibitor of CDK5/p25, CDK1/cyclin B, and GSK-3.
Targets(IC50)	Others,CDK,GSK-3

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5543 mL	17.7715 mL	35.5429 mL
5 mM	0.7109 mL	3.5543 mL	7.1086 mL
10 mM	0.3554 mL	1.7771 mL	3.5543 mL
50 mM	0.0711 mL	0.3554 mL	0.7109 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

Dong B, Chen J, Zhang X, Pan Z, Bai F, Li Y. Two novel PRP31 pre-messenger ribonucleic acid processing factor 31 homolog mutations including a complex insertion-deletion identified in Chinese families with retinitis pigmentosa. *Mol Vis.* 2013 Nov 22;19:2426-35. eCollection 2013. PubMed PMID: 24319336; PubMed Central PMCID: PMC3850970.
 Kainth P, Gupta RS. Signature proteins that are distinctive of alpha proteobacteria. *BMC Genomics.* 2005 Jun 16;6:94. PubMed PMID: 15960851; PubMed Central PMCID: PMC1182365.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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