Data Sheet (Cat.No.T24439)

TargetMol

MDK6204

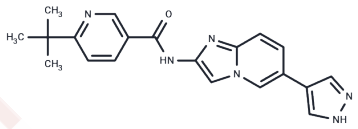
Chemical Properties

CAS No. : 1005776-20-4

Formula: C20H20N6O

Molecular Weight: 360.41

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	MDK6204 is a selective inhibitor of CLK1 and CLK2.
Targets(IC50)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7746 mL	13.8731 mL	27.7462 mL
5 mM	0.5549 mL	2.7746 mL	5.5492 mL
10 mM	0.2775 mL	1.3873 mL	2.7746 mL
50 mM	0.0555 mL	0.2775 mL	0.5549 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

Labrière C, Lozach O, Blairvacq M, Meijer L, Guillou C. Further investigation of Paprotrain: Towards the conception of selective and multi-targeted CNS kinase inhibitors. Eur J Med Chem. 2016 Nov 29;124:920-934. doi: 10.1016/j.ejmech.2016.08.069. Epub 2016 Aug 31. PubMed PMID: 27676471.

Jain P, Karthikeyan C, Moorthy NS, Waiker DK, Jain AK, Trivedi P. Human CDC2-like kinase 1 (CLK1): a novel target for Alzheimer's disease. Curr Drug Targets. 2014 May;15(5):539-50. Review. PubMed PMID: 24568585.

Montes-Grajales D, Olivero-Verbel J. Computer-aided identification of novel protein targets of bisphenol A. Toxicol Lett. 2013 Oct 9;222(3):312-20. doi: 10.1016/j.toxlet.2013.08.010. Epub 2013 Aug 20. PubMed PMID: 23973438.

Wong R, Balachandran A, Mao AY, Dobson W, Gray-Owen S, Cochrane A. Differential effect of CLK SR Kinases on HIV-1 gene expression: potential novel targets for therapy. Retrovirology. 2011 Jun 17;8:47. doi: 10.1186/1742-4690-8-47. PubMed PMID: 21682887; PubMed Central PMCID: PMC3148977.

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