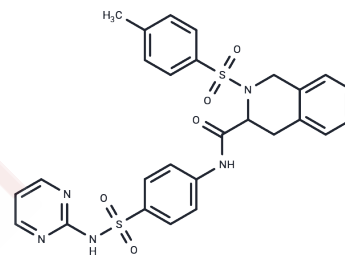


SMAPP1

Chemical Properties

CAS No. :	327081-00-5
Formula:	C27H25N5O5S2
Molecular Weight:	563.65
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	SMAPP1 is an activator of protein phosphatase 1 (PP1). SMAPP1 induces PP1 activity in vitro and activates latent HIV-1 provirus in cultured and primary T cells.
Targets(IC50)	Others,HIV Protease,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7742 mL	8.8708 mL	17.7415 mL
5 mM	0.3548 mL	1.7742 mL	3.5483 mL
10 mM	0.1774 mL	0.8871 mL	1.7742 mL
50 mM	0.0355 mL	0.1774 mL	0.3548 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

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- Tyagi M, Iordanskiy S, Ammosova T, Kumari N, Smith K, Breuer D, Ilatovskiy AV, Kont YS, Ivanov A, Üren A, Kovalskyy D, Petukhov M, Kashanchi F, Nekhai S. Reactivation of latent HIV-1 provirus via targeting protein phosphatase-1. *Retrovirology*. 2015 Jul 16;12:63. doi: 10.1186/s12977-015-0190-4. PubMed PMID: 26178009; PubMed Central PMCID: PMC4504130.
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