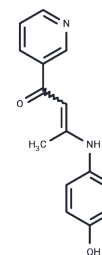


Vif-A3G Inhibitor N.41

Chemical Properties

CAS No. :	357441-99-7
Formula:	C ₁₅ H ₁₄ N ₂ O ₂
Molecular Weight:	254.28
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	Vif-A3G Inhibitor N.41 is a HIV-1 inhibitor-targeting drug. It causes Vif-dependent degradation of human APOBEC3G, thereby inhibiting the Vif-A3G interaction.
Targets(IC50)	Others,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9327 mL	19.6634 mL	39.3267 mL
5 mM	0.7865 mL	3.9327 mL	7.8653 mL
10 mM	0.3933 mL	1.9663 mL	3.9327 mL
50 mM	0.0787 mL	0.3933 mL	0.7865 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

Pery E, Sheehy A, Nebane NM, Brazier AJ, Misra V, Rajendran KS, Buhrlage SJ, Mankowski MK, Rasmussen L, White EL, Ptak RG, Gabuzda D. Identification of a novel HIV-1 inhibitor targeting Vif-dependent degradation of human APOBEC3G protein. J Biol Chem. 2015 Apr 17;290(16):10504-17. doi: 10.1074/jbc.M114.626903. Epub 2015 Feb 27. PubMed PMID: 25724652; PubMed Central PMCID: PMC4400358.

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