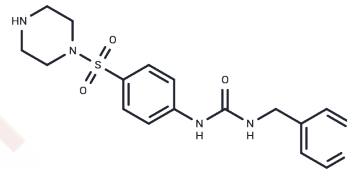


NAMPT activator-6

Chemical Properties

CAS No. :	2237267-86-4
Formula:	C17H21N5O3S
Molecular Weight:	375.45
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	NAMPT activator-6 is a NAMPT activator that can regulate the NAMPT and NAD ⁺ -related optogenetic systems. NAMPT activator-6 can be used to construct high-efficiency photoswitchable PROTACs (PS-PROTACs), bidirectionally and reversibly regulate NAMPT and NAD ⁺ levels in a light-dependent manner, and reduce the related toxicity caused by inhibitor-based PS-PROTACs.
Targets(IC50)	NAMPT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6635 mL	13.3174 mL	26.6347 mL
5 mM	0.5327 mL	2.6635 mL	5.3269 mL
10 mM	0.2663 mL	1.3317 mL	2.6635 mL
50 mM	0.0533 mL	0.2663 mL	0.5327 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

Cheng J, et al. Photoswitchable PROTACs for Reversible and Spatiotemporal Regulation of NAMPT and NAD. Angew Chem Int Ed Engl. 2024 Mar 18;63(12):e202315997.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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