

BG48

Chemical Properties

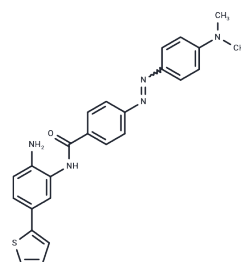
CAS No. : 1628784-53-1

Formula: C₂₅H₂₃N₅O₅

Molecular Weight: 441.55

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	BG48 is a probe of chemo-optical modulation of epigenetically regulated transcription (COMET). It enables high-resolution, optical control of epigenetic mechanisms and photochromically inhibits human histone deacetylases using visible light.
Targets(IC50)	Others,HDAC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2647 mL	11.3237 mL	22.6475 mL
5 mM	0.4529 mL	2.2647 mL	4.5295 mL
10 mM	0.2265 mL	1.1324 mL	2.2647 mL
50 mM	0.0453 mL	0.2265 mL	0.4529 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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