

Az-NC-002

Chemical Properties

CAS No. : 1356828-49-3
Formula: C₂₃H₄₁N₉O₅
Molecular Weight: 523.64
Storage: Keep away from moisture
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	Az-NC-002 is a specific activity probe for the proteasome trypsin-like site (β 2) and the immunoproteasome β 2i. It exhibits weak off-target effects and does not significantly inhibit Cathepsin D, though any inhibition occurs outside the active site or affects only a minor fraction of the enzyme.
Targets(IC50)	Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9097 mL	9.5485 mL	19.0971 mL
5 mM	0.3819 mL	1.9097 mL	3.8194 mL
10 mM	0.191 mL	0.9549 mL	1.9097 mL
50 mM	0.0382 mL	0.191 mL	0.3819 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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