

BOD-NH-SC

Chemical Properties

CAS No. :	3030491-95-0
Formula:	C48H47BBrF2N5O3S
Molecular Weight:	902.71
Storage:	Keep away from direct sunlight Store at -20°C <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	BOD-NH-SC is a dual-responsive fluorescent probe molecule capable of activating NIR II fluorescence, exhibiting a primary absorption peak at 664 nm. It detects the dynamic alternate presence of NO and H ₂ S in living cells.
Targets(IC50)	NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1078 mL	5.5389 mL	11.0778 mL
5 mM	0.2216 mL	1.1078 mL	2.2156 mL
10 mM	0.1108 mL	0.5539 mL	1.1078 mL
50 mM	0.0222 mL	0.1108 mL	0.2216 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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