

## SQM-NBD

## Chemical Properties

CAS No. : 2786704-34-3

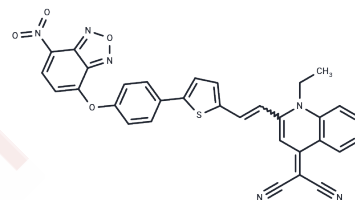
Formula: C<sub>32</sub>H<sub>20</sub>N<sub>6</sub>O<sub>4</sub>S

Molecular Weight: 584.6

Keep away from direct sunlight

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	SQM-NBD is a potent, selective AIE fluorescent probe with exceptional sensitivity to Cys and Hcy, exhibiting limits of detection (LOD) at 54 nM and 72 nM respectively. It demonstrates good cell permeability and low cytotoxicity, showing promise for Cys/Hcy identification in both physiological and pathological conditions [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7106 mL	8.5529 mL	17.1057 mL
5 mM	0.3421 mL	1.7106 mL	3.4211 mL
10 mM	0.1711 mL	0.8553 mL	1.7106 mL
50 mM	0.0342 mL	0.1711 mL	0.3421 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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