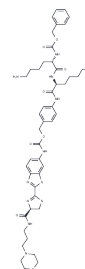


## CTB probe-1

## Chemical Properties

CAS No. :	2077078-94-3
Formula:	C <sub>46</sub> H <sub>60</sub> N <sub>10</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	945.16
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	CTB Probe-1 (probe 1) serves as a small-molecule, lysosome-targeting fluorogenic probe designed for fluorescence imaging within living cells [1].
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.058 mL	5.2901 mL	10.5802 mL
5 mM	0.2116 mL	1.058 mL	2.116 mL
10 mM	0.1058 mL	0.529 mL	1.058 mL
50 mM	0.0212 mL	0.1058 mL	0.2116 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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