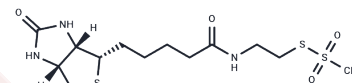


MTSEA-biotin

Chemical Properties

CAS No. :	162758-04-5
Formula:	C ₁₃ H ₂₃ N ₃ O ₄ S ₃
Molecular Weight:	381.53
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	MTSEA-biotin is a biotin-conjugated 2-aminoethyl methanethiosulfonate used for the specific labeling and modification of nucleosides. It binds to 4-thiouridine (s4U) and is utilized for visualizing newly transcribed tRNA in <i>Saccharomyces cerevisiae</i> cells.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.621 mL	13.1051 mL	26.2103 mL
5 mM	0.5242 mL	2.621 mL	5.2421 mL
10 mM	0.2621 mL	1.3105 mL	2.621 mL
50 mM	0.0524 mL	0.2621 mL	0.5242 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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