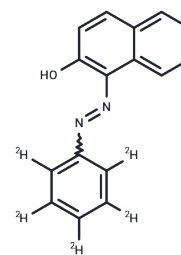


Sudan I-D5

Chemical Properties

CAS No. :	752211-63-5
Formula:	C ₁₆ H ₇ D ₅ N ₂ O
Molecular Weight:	253.31
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	Sudan I-D5 is a diazo-conjugate red dye utilized in oils, solvents, or polishes as an additive. Notably, it hampers the growth of bacterial strains Clostridium perfringens and L. rhamnosus[1].
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9477 mL	19.7387 mL	39.4773 mL
5 mM	0.7895 mL	3.9477 mL	7.8955 mL
10 mM	0.3948 mL	1.9739 mL	3.9477 mL
50 mM	0.079 mL	0.3948 mL	0.7895 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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