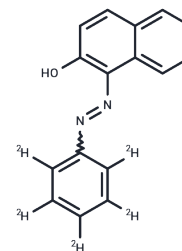


Sudan I-d5

Chemical Properties

CAS No. :	752211-63-5		
Formula:	C16H7D5N2O		
Molecular Weight:	253.31		
Appearance:	no data available		
Storage:	Powder	-20°C	for 3 years
	In solvent	-80°C	for 2 years



Biological Description

Description	Sudan I-d5, the deuterated variant of Sudan I, is a diazo-conjugate red dye utilized in oils, solvents, or polishes as an additive. Notably, it hampers the growth of bacterial strains <i>Clostridium perfringens</i> and <i>L. rhamnosus</i> [1].
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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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481