

NDSB-256

Chemical Properties

CAS No. : 81239-45-4
Formula: C₁₂H₁₉NO₃S
Molecular Weight: 257.349
Storage: Store at low temperature
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	NDSB-256 (3-(Benzyldimethylammonio)propane-1-sulfonate) is a non-detergent sulfobetaine that prevents protein aggregation and increases the isomerization rate in a concentration-dependent manner.
Targets(IC50)	Others

Solubility Information

Solubility H₂O: 160.00 mg/mL (621.72 mM),Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8858 mL	19.4288 mL	38.8576 mL
5 mM	0.7772 mL	3.8858 mL	7.7715 mL
10 mM	0.3886 mL	1.9429 mL	3.8858 mL
50 mM	0.0777 mL	0.3886 mL	0.7772 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.

Reference

Vuillard L, et al. Interactions of non-detergent sulfobetaines with early folding intermediates facilitate in vitro protein renaturation. Eur J Biochem. 1998 Aug 15;256(1):128-35.

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:34 Washington Street,Wellesley Hills,MA 02481