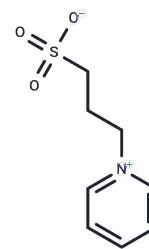


## NDSB-201

## Chemical Properties

CAS No. :	15471-17-7
Formula:	C <sub>8</sub> H <sub>11</sub> NO <sub>3</sub> S
Molecular Weight:	201.24
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	NDSB-201 is a pyridine derivative with sulfonate groups and an amphoteric surfactant that prevents protein aggregation and precipitation without causing protein denaturation, commonly used as a buffer in biochemical experiments.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 180 mg/mL (894.45 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.9692 mL	24.846 mL	49.6919 mL
5 mM	0.9938 mL	4.9692 mL	9.9384 mL
10 mM	0.4969 mL	2.4846 mL	4.9692 mL
50 mM	0.0994 mL	0.4969 mL	0.9938 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

Wangkanont K, Forest KT, Kiessling LL. The non-detergent sulfobetaine-201 acts as a pharmacological chaperone to promote folding and crystallization of the type II TGF- $\beta$  receptor extracellular domain. Protein Expr Purif. 2015 Nov;115:19-25.

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