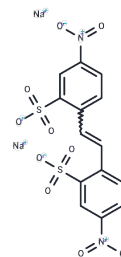


## DNDS

## Chemical Properties

CAS No. :	3709-43-1
Formula:	C <sub>14</sub> H <sub>8</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>10</sub> S <sub>2</sub>
Molecular Weight:	474.33
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	DNDS is a channel blocker of voltage-dependent cystic fibrosis transmembrane conductance regulator (CFTR).
Targets(IC50)	Others,CFTR

## Solubility Information

Solubility	DMSO: 55 mg/mL (115.95 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	2.1082 mL	10.5412 mL	21.0824 mL
5 mM	0.4216 mL	2.1082 mL	4.2165 mL
10 mM	0.2108 mL	1.0541 mL	2.1082 mL
50 mM	0.0422 mL	0.2108 mL	0.4216 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

Kramer AH. Statins in the management of aneurysmal subarachnoid hemorrhage: an overview of animal research, observational studies, randomized controlled trials and meta-analyses. *Acta Neurochir Suppl.* 2011;110 (Pt 2):193-201.

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Singh AK, Venglarik CJ, Bridges RJ. Development of chloride channel modulators. *Kidney Int.* 1995 Oct;48(4):985-93. Review.

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