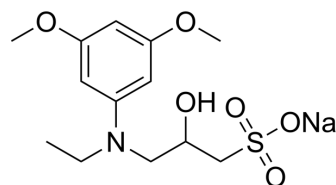


DAOS

Cat. No.:	HY-15913
CAS No.:	83777-30-4
Molecular Formula:	C ₁₃ H ₂₀ NNaO ₆ S
Molecular Weight:	341.36
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 36 mg/mL (105.46 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.9295 mL	14.6473 mL	29.2946 mL
	5 mM	0.5859 mL	2.9295 mL	5.8589 mL
	10 mM	0.2929 mL	1.4647 mL	2.9295 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (6.09 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (6.09 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.08 mg/mL (6.09 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

DAOS, a Trinder's reagent, is a novel highly water-soluble aniline derivative; are widely used in diagnostic tests and biochemical tests.

Caution: Product has not been fully validated for medical applications. For research use only.

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