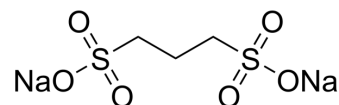


## Eprodiate disodium

<b>Cat. No.:</b>	HY-B1141
<b>CAS No.:</b>	36589-58-9
<b>Molecular Formula:</b>	C <sub>3</sub> H <sub>6</sub> Na <sub>2</sub> O <sub>6</sub> S <sub>2</sub>
<b>Molecular Weight:</b>	248.19
<b>Target:</b>	Amyloid-β
<b>Pathway:</b>	Neuronal Signaling
<b>Storage:</b>	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

H<sub>2</sub>O : 50 mg/mL (201.46 mM; Need ultrasonic)  
DMSO : 7.69 mg/mL (30.98 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		4.0292 mL	20.1459 mL	40.2917 mL
	5 mM		0.8058 mL	4.0292 mL	8.0583 mL
	10 mM		0.4029 mL	2.0146 mL	4.0292 mL

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

#### In Vivo

- Add each solvent one by one: PBS  
Solubility: 100 mg/mL (402.92 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: ≥ 0.77 mg/mL (3.10 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 0.77 mg/mL (3.10 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 0.77 mg/mL (3.10 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

Eprodiate disodium (NC-503) is the orally available disodium salt form of Eprodiate, a negatively charged sulfonated inhibitor of fibrillogenesis, that can be used in the treatment of amyloid A (AA) amyloidosis.

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

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