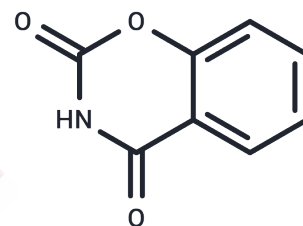


Carsalam

Chemical Properties

CAS No. :	2037-95-8
Formula:	C ₈ H ₅ NO ₃
Molecular Weight:	163.13
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Carsalam (2H-1,3-Benzoxazine-2,4(3H)-dione) is a nonsteroidal anti-inflammatory drug.
Targets(IC50)	Antibiotic

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 2 mg/mL (12.26 mM), Sonication is recommended. DMSO: 65 mg/mL (398.46 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	6.1301 mL	30.6504 mL	61.3008 mL
5 mM	1.226 mL	6.1301 mL	12.2602 mL
10 mM	0.613 mL	3.065 mL	6.1301 mL
50 mM	0.1226 mL	0.613 mL	1.226 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.

Reference

Kamal A. Biochem Pharmacol. 1990 Oct 1;40(7):1669-71.

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