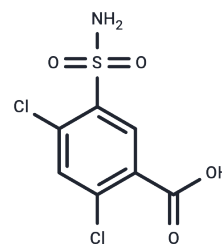


M 12325

## Chemical Properties

CAS No. : 2736-23-4  
 Formula: C<sub>7</sub>H<sub>5</sub>Cl<sub>2</sub>NO<sub>4</sub>S  
 Molecular Weight: 270.09  
 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	M 12325 is used in the production of furosemide; rhinitis and occupational asthma were observed in workers from a lasamide production line.
Targets(IC50)	Others,Carbonic Anhydrase

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7025 mL	18.5123 mL	37.0247 mL
5 mM	0.7405 mL	3.7025 mL	7.4049 mL
10 mM	0.3702 mL	1.8512 mL	3.7025 mL
50 mM	0.074 mL	0.3702 mL	0.7405 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

Ohnishi H, Yamaguchi K, Shimada S, Himuro S, Suzuki Y. Antiviral activity of sodium 5-aminosulfonyl-2,4-dichlorobenzoate (M12325). Antimicrob Agents Chemother. 1982 Aug;22(2):250-4. PubMed PMID: 6927286; PubMed Central PMCID: PMC183720.

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