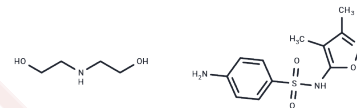


## Sulfisoxazole diethanolamine

## Chemical Properties

CAS No. :	4299-60-9
Formula:	C <sub>15</sub> H <sub>24</sub> N <sub>4</sub> O <sub>5</sub> S
Molecular Weight:	372.44
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	Sulfisoxazole diethanolamine, also known as Sulfafurazole diethanolamine, is a sulfonamide antibacterial compound with an oxazole substituent. It acts as an endothelin receptor antagonist, specifically targeting endothelin receptor A with an IC <sub>50</sub> value of 0.60 μM and endothelin receptor B with an IC <sub>50</sub> value of 22 μM. Additionally, Sulfisoxazole diethanolamine has been found to inhibit the release of breast cancer exosomes by specifically targeting endothelin receptor A [1] [2].
Targets(IC50)	Endothelin Receptor,Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.685 mL	13.425 mL	26.850 mL
5 mM	0.537 mL	2.685 mL	5.370 mL
10 mM	0.2685 mL	1.3425 mL	2.685 mL
50 mM	0.0537 mL	0.2685 mL	0.537 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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