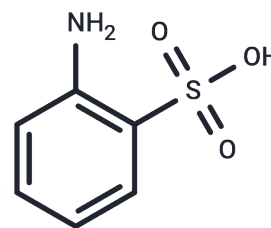


## 2-Aminobenzenesulfonic acid

## Chemical Properties

CAS No. :	88-21-1
Formula:	C <sub>6</sub> H <sub>7</sub> NO <sub>3</sub> S
Molecular Weight:	173.19
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	2-Aminobenzenesulfonic acid (2-Sulfoaniline) is a useful research chemical.
Targets(IC50)	Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 45 mg/mL (259.83 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (11.55 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.774 mL	28.870 mL	57.7401 mL
5 mM	1.1548 mL	5.774 mL	11.548 mL
10 mM	0.5774 mL	2.887 mL	5.774 mL
50 mM	0.1155 mL	0.5774 mL	1.1548 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

Mülazımođlu, A., Yılmaz, E., & Mülazımođlu, İ. (2012). Dithiooxamide Modified Glassy Carbon Electrode for the Studies of Non-Aqueous Media: Electrochemical Behaviors of Quercetin on the Electrode Surface. *Sensors*, 12(4), 3916-3928. doi: 10.3390/s120403916

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