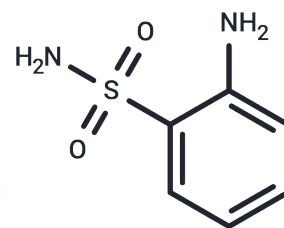


## Orthanilamide

## Chemical Properties

CAS No. :	3306-62-5
Formula:	C <sub>6</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> S
Molecular Weight:	172.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Orthanilamide (Orthanilamide) is a molecule containing the sulfonamide functional group attached to an aniline.
Targets(IC50)	Carbonic Anhydrase, Autophagy

## Solubility Information

Solubility	DMSO: 45 mg/mL (261.32 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	5.8072 mL	29.036 mL	58.072 mL
5 mM	1.1614 mL	5.8072 mL	11.6144 mL
10 mM	0.5807 mL	2.9036 mL	5.8072 mL
50 mM	0.1161 mL	0.5807 mL	1.1614 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

RAFFA L. Farmaco Sci. 1957;12(5):387-93.

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