

## Rhoduline Acid

## Chemical Properties

CAS No. : 87-03-6

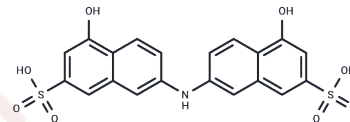
Formula: C<sub>20</sub>H<sub>15</sub>N<sub>2</sub>O<sub>8</sub>S<sub>2</sub>

Molecular Weight: 461.46

Store at low temperature

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	Rhoduline Acid (Di-J acid) is an intermediate in the synthesis of diazo dyes and tetranitazole dyes.
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## Solubility Information

Solubility	DMSO: 5 mg/mL (10.84 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	2.167 mL	10.8352 mL	21.6704 mL
5 mM	0.4334 mL	2.167 mL	4.3341 mL
10 mM	0.2167 mL	1.0835 mL	2.167 mL
50 mM	0.0433 mL	0.2167 mL	0.4334 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

Taha MO, et al. Discovery of nanomolar phosphoinositide 3-kinase gamma (PI3K $\gamma$ ) inhibitors using ligand-based modeling and virtual screening followed by in vitro analysis. Eur J Med Chem. 2014 Sep 12;84:454-65.

North EJ, et al. Pharmacophore development and application toward the identification of novel, small-molecule autotaxin inhibitors. J Med Chem. 2010 Apr 22;53(8):3095-105.

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