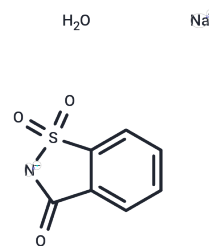


## Saccharin sodium hydrate

### Chemical Properties

CAS No. : 82385-42-0  
 Formula: C<sub>7</sub>H<sub>6</sub>NNaO<sub>4</sub>S  
 Molecular Weight: 223.18  
 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	Saccharin, sodium salt hydrate is used in the food industry and for sweetening diabetes diet. It is also used as a synthetic sweet ignorance agent. Saccharin, sodium salt hydrate is the first generation' synthetic sugar alternative that has been studied for its carcinogenic potential.
Targets(IC50)	Others,Antibacterial

### 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	4.4807 mL	22.4034 mL	44.8069 mL
5 mM	0.8961 mL	4.4807 mL	8.9614 mL
10 mM	0.4481 mL	2.2403 mL	4.4807 mL
50 mM	0.0896 mL	0.4481 mL	0.8961 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

Vakili H, Nyman JO, Genina N, Preis M, Sandler N. Application of a colorimetric technique in quality control for printed pediatric orodispersible drug delivery systems containing propranolol hydrochloride. *Int J Pharm.* 2016 Sep 10;511(1):606-618. doi: 10.1016/j.ijpharm.2016.07.032. Epub 2016 Jul 18. PubMed PMID: 27444550.

Brown NA. Selection of test chemicals for the ECVAM international validation study on in vitro embryotoxicity tests. *European Centre for the Validation of Alternative Methods. Altern Lab Anim.* 2002 Mar-Apr;30(2):177-98. PubMed PMID: 11971754.

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