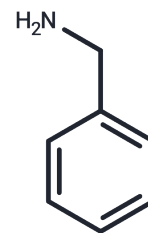


## Benzylamine hydrochloride

## Chemical Properties

CAS No. :	3287-99-8
Formula:	C7H10ClN
Molecular Weight:	143.61
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl



## Biological Description

Description	Benzylamine hydrochloride, made of benzylamine and hydrochloric acid, is used to treat motion sickness and ascariasis, with antiemesis properties.
Targets(IC50)	Others
In vivo	Benzylamine hydrochloride reverses decreases in systolic blood pressure induced by clonidine in spontaneously hypertensive rats when administered at a dose of 10 mg/kg [1].

## Solubility Information

Solubility	DMSO: 50 mg/mL (348.17 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	6.9633 mL	34.8165 mL	69.633 mL
5 mM	1.3927 mL	6.9633 mL	13.9266 mL
10 mM	0.6963 mL	3.4817 mL	6.9633 mL
50 mM	0.1393 mL	0.6963 mL	1.3927 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

KINNEY C R, et al. THE REACTIONS OF p-ANISIDINE, BENZYLAMINE, AND NITROBENZENE WITH BORON CHLORIDE. The Journal of Organic Chemistry, 1943, 8(6): 526-531.

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