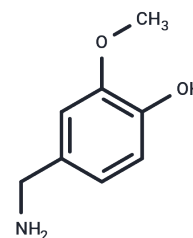


## 4-Hydroxy-3-methoxybenzylamine hydrochloride

## Chemical Properties

CAS No. :	7149-10-2
Formula:	C <sub>8</sub> H <sub>12</sub> ClNO <sub>2</sub>
Molecular Weight:	189.64
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	4-Hydroxy-3-methoxybenzylamine hydrochloride (N-Vanillylamine hydrochloride) is an alkaloid that is an intermediate in the biosynthesis of capsaicin. 4-Hydroxy-3-methoxybenzylamine hydrochloride is produced from vanillin by the enzyme vanillin aminotransferase.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (263.66 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	5.2731 mL	26.3657 mL	52.7315 mL
5 mM	1.0546 mL	5.2731 mL	10.5463 mL
10 mM	0.5273 mL	2.6366 mL	5.2731 mL
50 mM	0.1055 mL	0.5273 mL	1.0546 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

Flagan SF, Leadbetter JR. Environ Microbiol. 2006 Mar;8(3):560-5.

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