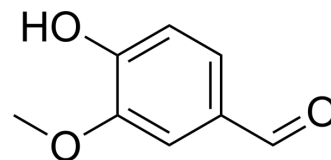


## Vanillin (Standard)

<b>Cat. No.:</b>	HY-N0098R
<b>CAS No.:</b>	121-33-5
<b>Molecular Formula:</b>	C <sub>8</sub> H <sub>8</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	152.15
<b>Target:</b>	Endogenous Metabolite
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 100 mg/mL (657.25 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	6.5725 mL	32.8623 mL	65.7246 mL
	5 mM	1.3145 mL	6.5725 mL	13.1449 mL
	10 mM	0.6572 mL	3.2862 mL	6.5725 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Vanillin (Standard) is the analytical standard of Vanillin. This product is intended for research and analytical applications. Vanillin (p-Vanillin) is a single molecule extracted from vanilla beans and also a popular odor used widely in perfume, food and medicine.

#### IC<sub>50</sub> & Target

Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Neuroscience. 8 March 2022.
- AAPS Open. 2023 Apr 14.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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