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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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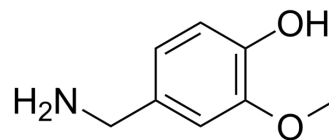
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Vanillylamine

Cat. No.:	HY-W097899
CAS No.:	1196-92-5
Molecular Formula:	C ₈ H ₁₁ NO ₂
Molecular Weight:	153
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (326.80 mM; Need ultrasonic)																					
	<table border="1"> <thead> <tr> <th rowspan="2">Solvent</th> <th rowspan="2">Mass</th> <th colspan="3">Concentration</th> </tr> <tr> <th>1 mg</th> <th>5 mg</th> <th>10 mg</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Preparing Stock Solutions</td> <td>1 mM</td> <td>6.5359 mL</td> <td>32.6797 mL</td> <td>65.3595 mL</td> </tr> <tr> <td>5 mM</td> <td>1.3072 mL</td> <td>6.5359 mL</td> <td>13.0719 mL</td> </tr> <tr> <td>10 mM</td> <td>0.6536 mL</td> <td>3.2680 mL</td> <td>6.5359 mL</td> </tr> </tbody> </table>	Solvent	Mass	Concentration			1 mg	5 mg	10 mg	Preparing Stock Solutions	1 mM	6.5359 mL	32.6797 mL	65.3595 mL	5 mM	1.3072 mL	6.5359 mL	13.0719 mL	10 mM	0.6536 mL	3.2680 mL	6.5359 mL
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	Please refer to the solubility information to select the appropriate solvent.																					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (16.34 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (16.34 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (16.34 mM); Clear solution 																					

BIOLOGICAL ACTIVITY

Description	Vanillylamine is a derivative of vanillin is synthesized through a transaminase reaction in the phenylpropanoid pathway of capsaicinoid synthesis ^[1] .
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REFERENCES

[1]. Harishchandra B Gururaj, et al. Functional validation of Capsicum frutescens aminotransferase gene involved in vanillylamine biosynthesis using Agrobacterium

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

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