Product Data Sheet

Product Name: Vanillylamine
Cat. No.: GC64745

Chemical Properties

Cas. No.	1196-92-5		
Formula	C8H11NO2	M.Wt	153.18
Solubility	DMSO : 50 mg/mL (326.41 mM; Need ultrasonic)	Storage	4°C, protect from light, stored under nitrogen
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

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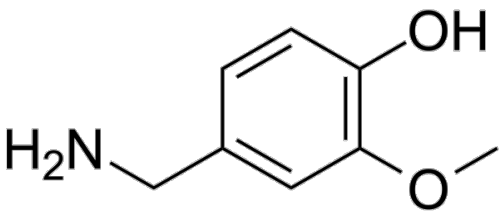
Structure



Background

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

[1]. Harishchandra B Gururaj, et al. Functional validation of Capsicum frutescens aminotransferase gene involved in vanillylamine biosynthesis using Agrobacterium mediated genetic transformation studies in Nicotiana tabacum and Capsicum frutescens calli cultur

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