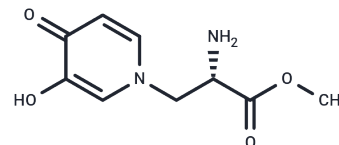


Mimosine methyl ester

Chemical Properties

CAS No. : 60343-53-5
Formula: C₉H₁₂N₂O₄
Molecular Weight: 212.2
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Mimosine methyl ester is a toxic non-protein amino acid chemically similar to tyrosine, that was first isolated from Mimosa pudica.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7125 mL	23.5627 mL	47.1254 mL
5 mM	0.9425 mL	4.7125 mL	9.4251 mL
10 mM	0.4713 mL	2.3563 mL	4.7125 mL
50 mM	0.0943 mL	0.4713 mL	0.9425 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.

Reference

Palumbo A, d'Ischia M, Misuraca G, De Martino L, Protta G. A new dopachrome-rearranging enzyme from the ejected ink of the cuttlefish *Sepia officinalis*. *Biochem J.* 1994 May 1;299 (Pt 3):839-44. PubMed PMID: 8192674;

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