

3-Methoxytyramine

Chemical Properties

CAS No.:	554-52-9
Formula:	C9H13NO2
Molecular Weight:	167.21
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	3-Methoxytyramine, a well known extracellular metabolite of 3-hydroxytyramine/dopamine, is a neuromodulator.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 12.5 mg/mL (74.76 mM) H2O: 2 mg/mL (11.96 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.981 mL	29.903 mL	59.805 mL
5 mM	1.196 mL	5.981 mL	11.961 mL
10 mM	0.598 mL	2.99 mL	5.981 mL
50 mM	0.12 mL	0.598 mL	1.196 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Sotnikova TD, et al. The dopamine metabolite 3-methoxytyramine is a neuromodulator. PLoS One. 2010 Oct 18;5(10):e13452. doi: 10.1371/journal.pone.0013452.

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