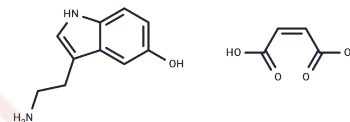


Serotonin maleate

Chemical Properties

CAS No. :	18525-25-2
Formula:	C ₁₄ H ₁₆ N ₂ O ₅
Molecular Weight:	292.287
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Serotonin hydrogen maleate serves as a monoaminergic neurotransmitter and an endogenous 5-HT receptor agonist within the central nervous system (CNS). It also functions as an inhibitor of catechol O-methyltransferase (COMT), exhibiting a K_i value of 44 μ M.
Targets(IC50)	5-HT Receptor, Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4213 mL	17.1063 mL	34.2126 mL
5 mM	0.6843 mL	3.4213 mL	6.8425 mL
10 mM	0.3421 mL	1.7106 mL	3.4213 mL
50 mM	0.0684 mL	0.3421 mL	0.6843 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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