

Feruloylputrescine

Chemical Properties

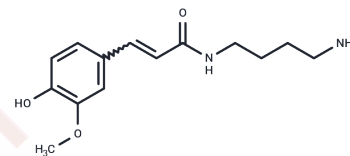
CAS No. : 501-13-3

Formula: C₁₄H₂₀N₂O₃

Molecular Weight: 264.32

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	Feruloylputrescine is a natural product.
Targets(IC50)	Others,Cytochromes P450

Solubility Information

Solubility	H ₂ O: 10 mM,Sonication is recommended. DMSO: 5 mg/mL (18.92 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7833 mL	18.9165 mL	37.8329 mL
5 mM	0.7567 mL	3.7833 mL	7.5666 mL
10 mM	0.3783 mL	1.8916 mL	3.7833 mL
50 mM	0.0757 mL	0.3783 mL	0.7567 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.

Reference

Nakase K , Kimura I , Kimura M . Effects of Pollen-Extract Components, Diamines and Derivatives of Feruloylputrescine on Isolated Bladder and Urethral Smooth Muscles of Mice - ScienceDirect[J]. Japanese Journal of Pharmacology, 1990, 53(2):157-164.

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