

3 β -Isodihydrocadambine

Chemical Properties

CAS No. : 62014-69-1

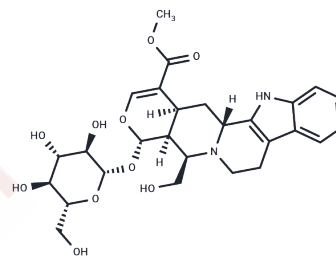
Formula: C₂₇H₃₄N₂O₁₀

Molecular Weight: 546.57

Storage: Store at low temperature, Keep away from direct sunlight

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	3 β -Isodihydrocadambine is a cadambine derivative that can be extracted from the bark and leaves of Neolamarckia cadamba. 3 β -Isodihydrocadambine has antimalarial, antiproliferative, antioxidant, anticancer and anti-inflammatory activities.
Targets(IC50)	Antioxidant, Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8296 mL	9.148 mL	18.2959 mL
5 mM	0.3659 mL	1.8296 mL	3.6592 mL
10 mM	0.183 mL	0.9148 mL	1.8296 mL
50 mM	0.0366 mL	0.183 mL	0.3659 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

Zhao X, et al. Chromosome-level assembly of the Neolamarckia cadamba genome provides insights into the evolution of cadambine biosynthesis. Plant J. 2022 ; 109(4):891-908.

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