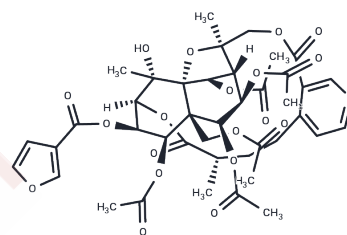


Wilfordinine D

Chemical Properties

CAS No. :	256937-98-1
Formula:	C ₄₁ H ₄₇ N ₁ O ₁₉
Molecular Weight:	857.815
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	Wilfordinine D is a natural sesquiterpene alkaloid. The molecule contains a bridged tricyclic structure with four contiguous stereocenters. Its molecular formula is C ₂₀ H ₂₇ N ₁ O ₄ and it has a molecular weight of 345.43 g/mol.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1657 mL	5.8287 mL	11.6575 mL
5 mM	0.2331 mL	1.1657 mL	2.3315 mL
10 mM	0.1166 mL	0.5829 mL	1.1657 mL
50 mM	0.0233 mL	0.1166 mL	0.2331 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

Hongquan DUAN, et al. Sesquiterpene Alkaloids from Extracts of *Tripterygium wilfordii*. Chemical & Pharmaceutical Bulletin (1999), 47(11), 1664-1667.

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