

## Delgrandine

## Chemical Properties

CAS No. : 145237-05-4

Formula: C41H43NO12

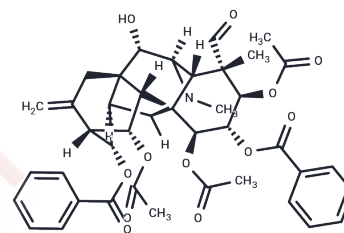
Molecular Weight: 741.78

Storage:

Keep away from direct sunlight, Keep away from moisture, Store at low temperature

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	Delgrandine is an alkaloid isolated from the large-leaved epimedium, used for research on neurogenic pain and related neurodegenerative diseases.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3481 mL	6.7405 mL	13.4811 mL
5 mM	0.2696 mL	1.3481 mL	2.6962 mL
10 mM	0.1348 mL	0.6741 mL	1.3481 mL
50 mM	0.027 mL	0.1348 mL	0.2696 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

Chai Yihui, et al. Mahuang Fuzi Xixin decoction: A potent analgesic for neuropathic pain targeting the NMDAR2B/CaMKII $\alpha$ /ERK/CREB pathway. Heliyon 10.16 (2024).

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