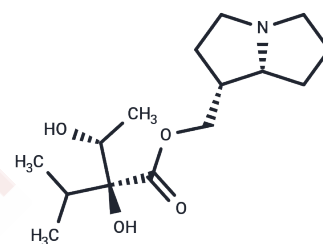


Lindelofine

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 487-99-0 |
| Formula: | C ₁₅ H ₂₇ N _O 4 |
| Molecular Weight: | 285.384 |
| 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 | Lindelofine is a pyrrolizidine alkaloid. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|-----------|
| 1 mM | 3.5041 mL | 17.5205 mL | 35.041 mL |
| 5 mM | 0.7008 mL | 3.5041 mL | 7.0082 mL |
| 10 mM | 0.3504 mL | 1.752 mL | 3.5041 mL |
| 50 mM | 0.0701 mL | 0.3504 mL | 0.7008 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

Mandić BM, Simić MR, Vučković IM, Vujisić LV, Novaković MM, Trifunović SS, Nikolić-Mandić SD, Tešević VV, Vajs VV, Milosavljević SM. Pyrrolizidine alkaloids and fatty acids from the endemic plant species *Rindera umbellata* and the effect of lindelofine-N-oxide on tubulin polymerization. *Molecules*. 2013 Sep 3;18(9):10694-706. doi: 10.3390/molecules180910694. PubMed PMID: 24005964.

Mandić BM, Vlajić MD, Trifunović SS, Simić MR, Vujisić LV, Vučković IM, Novaković MM, Nikolić-Mandić SD, Tešević VV, Vajs VV, Milosavljević SM. Optimisation of isolation procedure for pyrrolizidine alkaloids from *Rindera umbellata* Bunge. *Nat Prod Res*. 2015;29(9):887-90. doi: 10.1080/14786419.2014.991929. Epub 2014 Dec 20. PubMed PMID: 25528897.

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