

Euphorbia factor L7a

Chemical Properties

CAS No. : 93550-94-8

Formula: C₃₃H₄₀O₇

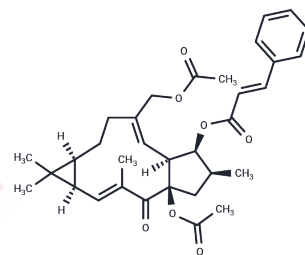
Molecular Weight: 548.67

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

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|---------------|---|
| Description | Euphorbia factor L7a is a diterpene found in the seeds of Morinda citrifolia. |
| Targets(IC50) | Others |

Solubility Information

| | |
|---------------------|--|
| Solubility | DMSO: 15 mg/mL (27.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+90% Corn Oil: 1.5 mg/mL (2.73 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.8226 mL | 9.1129 mL | 18.2259 mL |
| 5 mM | 0.3645 mL | 1.8226 mL | 3.6452 mL |
| 10 mM | 0.1823 mL | 0.9113 mL | 1.8226 mL |
| 50 mM | 0.0365 mL | 0.1823 mL | 0.3645 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

Hou XR, et al. Analysis and determination of diterpenoids in unprocessed and processed Euphorbia lathyris seeds by HPLC-ESI-MS. J Pharm Anal. 2011;1(3):197-202.

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