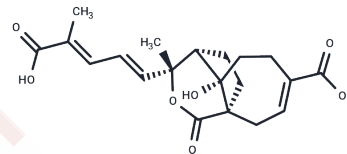


Demethoxydeacetoxyseudolaric acid B

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 82508-36-9 |
| Formula: | C ₂₀ H ₂₄ O ₇ |
| Molecular Weight: | 376.4 |
| 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 | Demethoxydeacetoxyseudolaric acid B's the metabolic reaction of TDA in vivo is mainly occurred in blood and contributes to be the hydrolysis of plasma esterase to ester bond, as well as the glucosylation reaction. |
| Targets(IC50) | Others |

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.66 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 | 2.6567 mL | 13.2837 mL | 26.5675 mL |
| 5 mM | 0.5313 mL | 2.6567 mL | 5.3135 mL |
| 10 mM | 0.2657 mL | 1.3284 mL | 2.6567 mL |
| 50 mM | 0.0531 mL | 0.2657 mL | 0.5313 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

Liu P , Guo H Z , Sun J H , et al. [Metabolic pathway and metabolites of total diterpene acid isolated from *Pseudolarix kaempferi*].] Yao Xue Xue Bao, 2014, 49(8):1169-1174.

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