

Eutypenes I

Chemical Properties

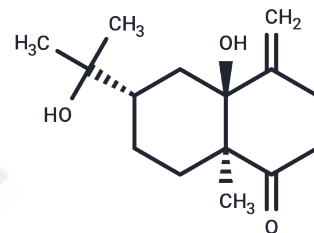
CAS No. :

Formula: C₁₅H₂₄O₃

Molecular Weight: 252.349

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

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|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Eutypenes I (Compound 9) inhibits the secretion of VEGF-A, hampers the activation of VEGFR, and disrupts its downstream Erk/Akt signaling pathway. It also suppresses the migration of HMEC-1 cells and demonstrates anti-angiogenic activity in a Sprague-Dawley rat model. |
| Targets(IC50) | ERK,Akt,VEGFR |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.9628 mL | 19.8138 mL | 39.6275 mL |
| 5 mM | 0.7926 mL | 3.9628 mL | 7.9255 mL |
| 10 mM | 0.3963 mL | 1.9814 mL | 3.9628 mL |
| 50 mM | 0.0793 mL | 0.3963 mL | 0.7926 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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