

Derrubone

Chemical Properties

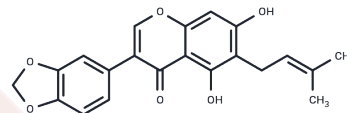
CAS No. : 22044-58-2

Formula: C₂₁H₁₈O₆

Molecular Weight: 366.36

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

Derrubone, an isoflavone natural product derived from *Derris robusta*, is considered an effective Hsp90 inhibitor. It binds strongly to the CTD of Hsp90 α and induces the degradation of tau proteins, which may be viewed as a potential treatment approach for Alzheimer's disease (AD).

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7296 mL	13.6478 mL	27.2956 mL
5 mM	0.5459 mL	2.7296 mL	5.4591 mL
10 mM	0.273 mL	1.3648 mL	2.7296 mL
50 mM	0.0546 mL	0.273 mL	0.5459 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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