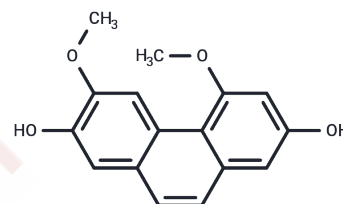


3,5-Dimethoxy-2,7-phenanthrenediol

Chemical Properties

CAS No. :	108352-70-1
Formula:	C ₁₆ H ₁₄ O ₄
Molecular Weight:	270.28
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	3,5-Dimethoxy-2,7-phenanthrenediol (compound 2), extracted from Combretum laxum roots, exhibits cytotoxicity against various human cancer cell lines, including 786-0, MCF-7, and NCI/ADR-RES, with IC ₅₀ values of 73.26 μM, 118.40 μM, and 83.99 μM, respectively. Additionally, this phenanthrene compound demonstrates free radical scavenging activity, presenting an IC ₅₀ of 20.4 μM [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6999 mL	18.4993 mL	36.9987 mL
5 mM	0.740 mL	3.6999 mL	7.3997 mL
10 mM	0.370 mL	1.8499 mL	3.6999 mL
50 mM	0.074 mL	0.370 mL	0.740 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481