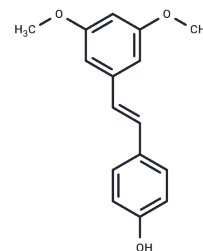


Pterostilbene

Chemical Properties

CAS No. :	537-42-8
Formula:	C ₁₆ H ₁₆ O ₃
Molecular Weight:	256.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pterostilbene is extracted from Pterocarpus indicus.
Targets(IC50)	Autophagy

Solubility Information

Solubility	DMSO: 27.5 mg/mL (107.3 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9017 mL	19.5084 mL	39.0168 mL
5 mM	0.7803 mL	3.9017 mL	7.8034 mL
10 mM	0.3902 mL	1.9508 mL	3.9017 mL
50 mM	0.078 mL	0.3902 mL	0.7803 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.

Reference

Wang R, Xu Z, Tian J, et al. Pterostilbene inhibits hepatocellular carcinoma proliferation and HBV replication by targeting ribonucleotide reductase M2 protein. American Journal of Cancer Research. 2021, 11(6): 2975.

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481