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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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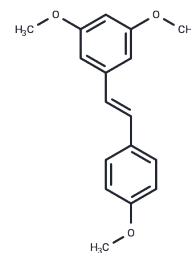
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trans-Trimethoxyresveratrol

Chemical Properties

CAS No. :	22255-22-7
Formula:	C ₁₇ H ₁₈ O ₃
Molecular Weight:	270.32
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	trans-Trimethoxyresveratrol (MR-3), a natural methoxylated analog of resveratrol, inhibits breast Y cell invasiveness by downregulation of PI3K/Akt and Wnt/ β -catenin signaling cascades and reversal of epithelial-mesenchymal transition.
Targets(IC50)	Reactive Oxygen Species

Solubility Information

Solubility	DMSO: 50 mg/mL (184.97 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6993 mL	18.4966 mL	36.9932 mL
5 mM	0.7399 mL	3.6993 mL	7.3986 mL
10 mM	0.3699 mL	1.8497 mL	3.6993 mL
50 mM	0.074 mL	0.3699 mL	0.7399 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

Tsai JH et al. Toxicol Appl Pharmacol. 2013 Nov 1;272(3):746-56

Inhibitor • Natural Compounds • Compound Libraries • Recombinant Proteins

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