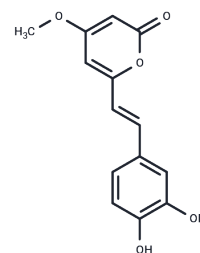


4,12-Dimethoxy-6-(7,8-dihydroxy-7,8-dihydrostyryl)-2-pyrone

Chemical Properties

CAS No. :	149947-22-8
Formula:	C ₁₄ H ₁₂ O ₅
Molecular Weight:	260.24
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	4,12-Dimethoxy-6-(7,8-dihydroxy-7,8-dihydrostyryl)-2-pyrone is a microbial metabolism of yangonin, a major styryl lactone from Piper methysticum.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	DMSO: 55 mg/mL (211.34 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8426 mL	19.213 mL	38.4261 mL
5 mM	0.7685 mL	3.8426 mL	7.6852 mL
10 mM	0.3843 mL	1.9213 mL	3.8426 mL
50 mM	0.0769 mL	0.3843 mL	0.7685 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

Hye KJ, et, al. Microbial Metabolism of Yangonin, a Styryl Lactone from Piper methysticum (Kava). 2010 Sep 30; 16 (3):148-52.

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