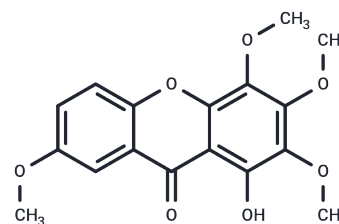


1-Hydroxy-2,3,4,7-tetramethoxyxanthone

Chemical Properties

CAS No. : 14103-09-4
Formula: C₁₇H₁₆O₇
Molecular Weight: 332.3
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	1-Hydroxy-2,3,4,7-tetramethoxy-xanthone has vasodilatory action, it can cause vasodilation in the coronary artery pre-contracted with 1uM 5-hydroxytryptamine (5-HT), with the EC 50 value of 6.6±1.4 uM. 1-Hydroxy-2,3,4,7-tetramethoxyxanthone can effectively inhibit the osteoclast differentiation in a co-culture system with mouse osteoblastic calvarial cells and bone marrow cells.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0093 mL	15.0466 mL	30.0933 mL
5 mM	0.6019 mL	3.0093 mL	6.0187 mL
10 mM	0.3009 mL	1.5047 mL	3.0093 mL
50 mM	0.0602 mL	0.3009 mL	0.6019 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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