

## 2,3,4,6,8-Pentahydroxy-1-methylxanthone

## Chemical Properties

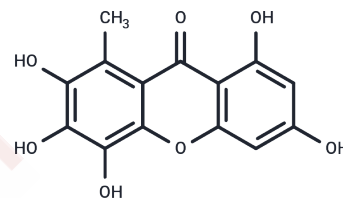
CAS No. : 548740-87-0

Formula: C<sub>14</sub>H<sub>10</sub>O<sub>7</sub>

Molecular Weight: 290.23

Appearance:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	2,3,4,6,8-Pentahydroxy-1-methylxanthone, a xanthone derivative of <i>Wardomyces anomalus</i> , exhibits significant antioxidant activities and functions as an inhibitor of the p56 lck tyrosine kinase, with potential applications in the treatment of cardiovascular disease [1].
In vitro	2,3,4,6,8-Pentahydroxy-1-methylxanthone (1~50μM, 50μg/mL ox-LDL, 6h) confers protective effects against ox-LDL-induced apoptosis in human umbilical vein endothelial cells [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4455 mL	17.2277 mL	34.4554 mL
5 mM	0.6891 mL	3.4455 mL	6.8911 mL
10 mM	0.3446 mL	1.7228 mL	3.4455 mL
50 mM	0.0689 mL	0.3446 mL	0.6891 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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