

Sorbifolin

Chemical Properties

CAS No. : 23130-22-5
Formula: C₁₆H₁₂O₆
Molecular Weight: 300.26
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Sorbifolin, a flavone glucoside isolated from <i>Pterogyne nitens</i> , exhibits myeloperoxidase (MPO) inhibitory and radical scavenging activities. This compound functions as an effective MPO inhibitor, demonstrated by its IC ₅₀ value of 19.2 nM [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3304 mL	16.6522 mL	33.3045 mL
5 mM	0.6661 mL	3.3304 mL	6.6609 mL
10 mM	0.333 mL	1.6652 mL	3.3304 mL
50 mM	0.0666 mL	0.333 mL	0.6661 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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