

1-Hydroxypinoresinol 1-O-glucoside

Chemical Properties

CAS No.:	81495-71-8
Formula:	C ₂₆ H ₃₂ O ₁₂
Molecular Weight:	536.53
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	(+)-1-Hydroxypinoresinol 1-O-beta-D-glucoside exhibits peroxyxynitrite, total ROS and DPPH radical scavenging activities with IC ₅₀ values of 3.23 +/- 0.04, 2.26 +/- 0.07 and 32.3 +/- 0.13 microM, respectively.
Targets(IC ₅₀)	ROS: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.864 mL	9.319 mL	18.638 mL
5 mM	0.373 mL	1.864 mL	3.728 mL
10 mM	0.186 mL	0.932 mL	1.864 mL
50 mM	0.037 mL	0.186 mL	0.373 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Inhibitors · Natural Compounds · Compound Libraries

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