

Antioxidant agent-21

Chemical Properties

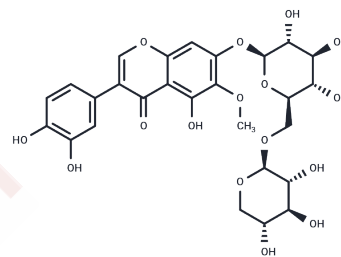
CAS No. : 2408020-53-9

Formula: C₂₇H₃₀O₁₆

Molecular Weight: 610.52

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

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Antioxidant agent-21 is an antioxidant found in <i>Pueraria montana</i> var. <i>lobata</i> . This compound exhibits DPPH radical scavenging activity with an IC ₅₀ of 42 µg/mL.
Targets(IC ₅₀)	Reactive Oxygen Species

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6379 mL	8.1897 mL	16.3795 mL
5 mM	0.3276 mL	1.6379 mL	3.2759 mL
10 mM	0.1638 mL	0.819 mL	1.6379 mL
50 mM	0.0328 mL	0.1638 mL	0.3276 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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