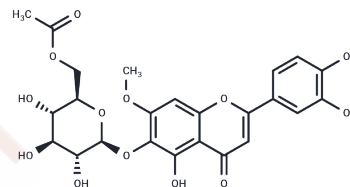


Pedaliin 6''-acetate

Chemical Properties

CAS No. :	160789-41-3
Formula:	C ₂₄ H ₂₄ O ₁₃
Molecular Weight:	520.44
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	Pedaliin 6''-acetate (compound 10), a natural product from <i>Dracocephalum tanguticum</i> , demonstrates antioxidative properties and cytoprotective effects against doxorubicin (DOX)-induced toxicity in H9c2 cardiomyocytes, with an EC ₅₀ of 19.1 μM [1].
In vitro	Pedaliin 6''-acetate exhibits DPPH (1,1-diphenyl-2-picrylhydrazyl) free radical scavenging activity, with an EC ₅₀ of 95.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9215 mL	9.6073 mL	19.2145 mL
5 mM	0.3843 mL	1.9215 mL	3.8429 mL
10 mM	0.1921 mL	0.9607 mL	1.9215 mL
50 mM	0.0384 mL	0.1921 mL	0.3843 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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