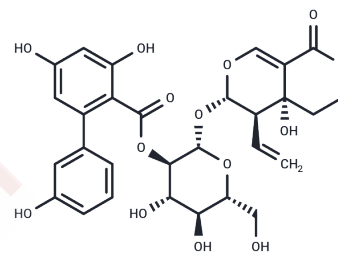


Amaroswerin

Chemical Properties

CAS No. : 21233-18-1
 Formula: C₂₉H₃₀O₁₄
 Molecular Weight: 602.54
 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	Amaroswerin, a bioactive secoiridoid glucoside derived from <i>Swertia mussotii</i> , exhibits anti-inflammatory, antidiabetic, antiviral, anticholinergic, and immunomodulatory properties. It notably inhibits nitric oxide (NO) release in RAW264.7 cells with an IC ₅₀ value of 5.42 µg/mL [1].
Targets(IC ₅₀)	Others,NO Synthase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6596 mL	8.2982 mL	16.5964 mL
5 mM	0.3319 mL	1.6596 mL	3.3193 mL
10 mM	0.166 mL	0.8298 mL	1.6596 mL
50 mM	0.0332 mL	0.166 mL	0.3319 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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