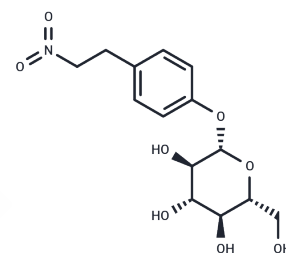


Thalictoside

Chemical Properties

CAS No. :	74213-96-0
Formula:	C ₁₄ H ₁₉ N ₀ O ₈
Molecular Weight:	329.30
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	Thalictoside, found in <i>A. squamosa</i> L, is a soluble epoxide hydrolase (sEH) inhibitor with an IC ₅₀ of 20.2 μM. It exhibits anti-osteoporotic effects by modulating estrogen-like mechanisms and is valuable in research on cardiovascular and urinary system diseases.
Targets(IC ₅₀)	Epoxide Hydrolase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0367 mL	15.1837 mL	30.3674 mL
5 mM	0.6073 mL	3.0367 mL	6.0735 mL
10 mM	0.3037 mL	1.5184 mL	3.0367 mL
50 mM	0.0607 mL	0.3037 mL	0.6073 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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