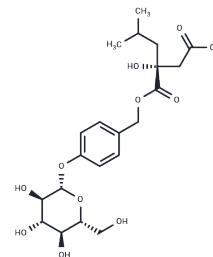


Gymnoside I

Chemical Properties

CAS No. :	899430-01-4
Formula:	C ₂₁ H ₃₀ O ₁₁
Molecular Weight:	458.46
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Gymnoside I is a natural small molecule belonging to the glycoside class of hydroxybenzyl 2-isobutylmalonate, isolated from the orchid <i>Gymnadenia conopsea</i> . Gymnoside I exhibits antiallergic activity and demonstrates significant in vivo antiallergic activity in passive cutaneous anaphylaxis (PCA) assays in mice, effectively inhibiting allergy-mediated increases in skin vascular permeability and inflammatory exudation. Gymnoside I can be used in research on diseases such as asthma, neurasthenia, and chronic hepatitis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1812 mL	10.9061 mL	21.8122 mL
5 mM	0.4362 mL	2.1812 mL	4.3624 mL
10 mM	0.2181 mL	1.0906 mL	2.1812 mL
50 mM	0.0436 mL	0.2181 mL	0.4362 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.

Reference

Morikawa T, Xie H, Matsuda H, Yoshikawa M. Glucosyloxybenzyl 2-Isobutylmalates from the tubers of *Gymnadenia conopsea*. *J Nat Prod.* 2006;69(6):881-886.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481