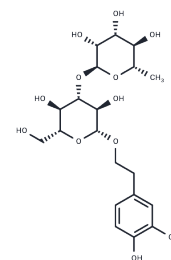


Verbasoside

Chemical Properties

CAS No. :	61548-34-3
Formula:	C ₂₀ H ₃₀ O ₁₂
Molecular Weight:	462.45
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Verbasoside (Decaffeoyl acteoside) is a phenylpropanoid isolated from the roots of <i>Rehmannia glutinosa</i> (Gaertn.) DC.
Targets(IC50)	Others,Cholinesterase (ChE),Monoamine Oxidase

Solubility Information

Solubility	DMSO: 50 mg/mL (108.12 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1624 mL	10.812 mL	21.624 mL
5 mM	0.4325 mL	2.1624 mL	4.3248 mL
10 mM	0.2162 mL	1.0812 mL	2.1624 mL
50 mM	0.0432 mL	0.2162 mL	0.4325 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

- Pereira E, et al. Is Gamma Radiation Suitable to Preserve Phenolic Compounds and to Decontaminate Mycotoxins in Aromatic Plants? A Case-Study with *Aloysia citrodora* Paláu. *Molecules*. 2017 Feb 23;22(3):347.
- Thu VK, et al. Iridoid glycosides link with phenylpropanoids from *Rehmannia glutinosa*. *Nat Prod Res*. 2021 May 27:1-6.

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