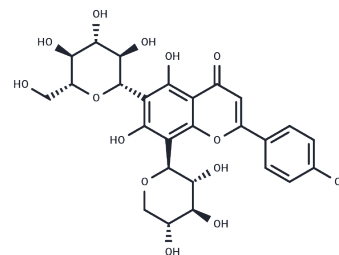


Vicenin 3

Chemical Properties

CAS No. :	59914-91-9
Formula:	C ₂₆ H ₂₈ O ₁₄
Molecular Weight:	564.49
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Vicenin 3 is an inhibitor of angiotensin-converting enzyme (ACE; IC ₅₀ : 46.91 μM) from the aerial parts of Desmodium styracifolium.
Targets(IC ₅₀)	RAAS

Solubility Information

Solubility	DMSO: 60 mg/ml (106.29 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7715 mL	8.8576 mL	17.7151 mL
5 mM	0.3543 mL	1.7715 mL	3.543 mL
10 mM	0.1772 mL	0.8858 mL	1.7715 mL
50 mM	0.0354 mL	0.1772 mL	0.3543 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.

Reference

Zhang YQ, et al. Bioassay-guided preparative separation of angiotensin-converting enzyme inhibitory C-flavone glycosides from

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481