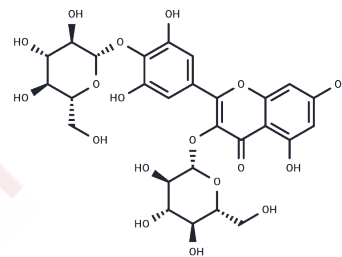


Complanatoside A

Chemical Properties

CAS No. :	146501-37-3
Formula:	C ₂₇ H ₃₀ O ₁₈
Molecular Weight:	642.5
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	Complanatoside A (a flavonol glycoside) is isolated from Astragalus complanatus.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 155.6 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	1.5564 mL	7.7821 mL	15.5642 mL
5 mM	0.3113 mL	1.5564 mL	3.1128 mL
10 mM	0.1556 mL	0.7782 mL	1.5564 mL
50 mM	0.0311 mL	0.1556 mL	0.3113 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

Zhang JJ1, Yan XL, Zhang YJ, et al.[Determination of complanatoside A in semen Astragali complanati by HPLC]. Zhongguo Zhong Yao Za Zhi. 2005 Apr;30(8):600-2.

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