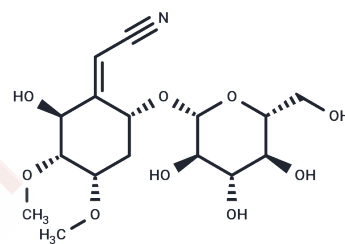


Simmondsin

Chemical Properties

CAS No. :	51771-52-9
Formula:	C ₁₆ H ₂₅ N ₉
Molecular Weight:	375.37
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	Simmondsin is a natural product from <i>Simmondsia chinensis</i> -- jojoba. It reduced food intake and body weight without apparent negative effects in rats.
Targets(IC50)	Others,Endogenous Metabolite,ROS

Solubility Information

Solubility	DMSO: 60 mg/mL (159.84 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	2.664 mL	13.3202 mL	26.6404 mL
5 mM	0.5328 mL	2.664 mL	5.3281 mL
10 mM	0.2664 mL	1.332 mL	2.664 mL
50 mM	0.0533 mL	0.2664 mL	0.5328 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

Boozer C N , Herron A J . Simmondsin for weight loss in rats[J]. International Journal of Obesity, 2006, 30(7):1143-1148.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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