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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

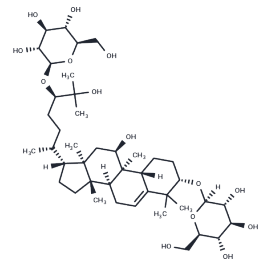
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Mogroside Iie

Chemical Properties

CAS No. : 88901-38-6
Formula: C42H72O14
Molecular Weight: 801.01
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Mogroside Iie is a major bioactive component of unripe <i>S. grosvenorii</i> fruit that downregulates the IL-9/IL-9 receptor pathway.
Targets(IC50)	IL Receptor
In vitro	Mogroside IIE decreased the activity of trypsin and cathepsin B induced by cerulein plus lipopolysaccharide (LPS) in the pancreatic acinar cell line AR42J and primary acinar cells in a dose- and time-dependent manner[1].
In vivo	Mogroside IIE treatment decreased the levels of serum lipase and serum amylase in mice injected with cerulein plus LPS without influencing inflammation significantly. A multi-cytokine array revealed that mogroside IIE decreased the level of interleukin 9 (IL-9) in AP mice[1].

Solubility Information

Solubility	DMSO: 100 mg/mL (124.84 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2484 mL	6.2421 mL	12.4842 mL
5 mM	0.2497 mL	1.2484 mL	2.4968 mL
10 mM	0.1248 mL	0.6242 mL	1.2484 mL
50 mM	0.025 mL	0.1248 mL	0.2497 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

Xiao J, et al. Mogroside IIE Inhibits Digestive Enzymes via Suppression of Interleukin 9/Interleukin 9 Receptor Signalling in Acute Pancreatitis. Front Pharmacol. 2020 Jun 10;11:859.

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