



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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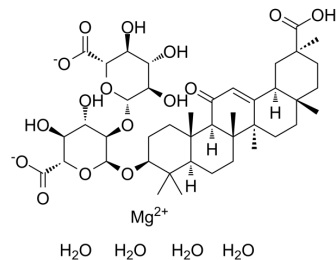
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Magnesium isoglycyrrhizinate hydrate

Cat. No.:	HY-154795
CAS No.:	658701-67-8
Molecular Formula:	C ₄₂ H ₆₈ MgO ₂₀
Molecular Weight:	917.28
Target:	Caspase; NOD-like Receptor (NLR)
Pathway:	Apoptosis; Immunology/Inflammation
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 33.33 mg/mL (36.34 mM; adjust pH to 9 with NH₃-H₂O)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.0902 mL	5.4509 mL	10.9018 mL
	5 mM	0.2180 mL	1.0902 mL	2.1804 mL
	10 mM	0.1090 mL	0.5451 mL	1.0902 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Magnesium isoglycyrrhizinate hydrate is the active component found in licorice plant (*Glycyrrhiza glabra*). Magnesium isoglycyrrhizinate hydrate exhibits anti-inflammatory activity through NLRP3 inflammasome pathway, and attenuates the chronic obstructive pulmonary disease in rats^[1].

IC₅₀ & Target

Caspase-1

REFERENCES

[1]. Yang Y, et al., Magnesium isoglycyrrhizinate inhibits airway inflammation in rats with chronic obstructive pulmonary disease. BMC Pulm Med. 2021 Nov 15;21(1):371.

Caution: Product has not been fully validated for medical applications. For research use only.

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