



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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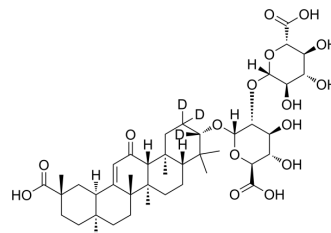
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Glycyrrhizic acid-d₃

Cat. No.:	HY-N0184S
Molecular Formula:	C ₄₂ H ₅₉ D ₃ O ₁₆
Molecular Weight:	825.95
Target:	Isotope-Labeled Compounds; Virus Protease
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Glycyrrhizic acid-d₃ (Glycyrrhizin-d₃) is deuterium labeled Glycyrrhizic acid. Glycyrrhizic acid is a triterpenoid saponin, acting as a direct HMGB1 antagonist, with anti-tumor, anti-diabetic activities^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Su X, et al. Glycyrrhizic acid: A promising carrier material for anticancer therapy. *Biomed Pharmacother*. 2017 Sep 5;95:670-678
- [3]. Xia Zhao, et al. A Simple Injectable Moldable Hydrogel Assembled from Natural Glycyrrhizic Acid with Inherent Antibacterial Activity. *ACS Appl. Bio Mater*. 2020, 3, 1, 648-653.
- [4]. Wang LY, et al. Glycyrrhizic acid increases glucagon like peptide-1 secretion via TGR5 activation in type 1-like diabetic rats. *Biomed Pharmacother*. 2017 Sep 4;95:599-604.
- [5]. Li C, et al. Glycyrrhizin, a Direct HMGB1 Antagonist, Ameliorates Inflammatory Infiltration in a Model of Autoimmune Thyroiditis via Inhibition of TLR2-HMGB1 Signaling. *Thyroid*. 2017 May;27(5):722-731.

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

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