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Produktinformation

- Forschungsprodukte & Biochemikalien
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- 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

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

www.szabo-scandic.com

linkedin.com/company/szaboscandic

Liquiritigenin-7-O-β-D-glucopyranosyl-(1→2)-β-D-apiofuranoside

Cat. No.: HY-N6986

CAS No.: 135432-48-3

Molecular Formula: $C_{26}H_{30}O_{13}$

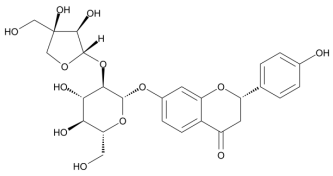
Molecular Weight: 550.51

Target: Others

Pathway: Others

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (181.65 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	1.8165 mL	9.0825 mL	18.1650 mL
	5 mM	0.3633 mL	1.8165 mL	3.6330 mL
	10 mM	0.1816 mL	0.9082 mL	1.8165 mL

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

In Vivo

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 2.5 mg/mL (4.54 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 2.5 mg/mL (4.54 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (4.54 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Liquiritigenin-7-O-β-D-glucopyranosyl-(1→2)-β-D-apiofuranoside (Liquiritigenin-7-apiosylglucoside) is a flavonoid isolated from the roots of Glycyrrhiza, has weaker cytotoxicity against several tumor cells and normal cells[1].

REFERENCES

[1]. Ohno H, et al. Evaluation of cytotoxiciy and tumor-specificity of licorice flavonoids based on chemical structure. Anticancer Res. 2013 Aug;33(8):3061-8.

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

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA