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Lieferung & Zahlungsart

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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

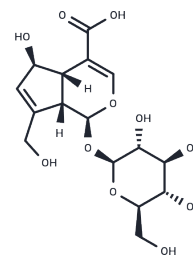
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Scandoside

Chemical Properties

CAS No. :	18842-99-4
Formula:	C ₁₆ H ₂₂ O ₁₁
Molecular Weight:	390.34
Appearance:	no data available
Storage:	keep away from moisture, keep away from direct sunlight, store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Scandoside, a cyclic enolide that can be isolated from <i>Haemophilus diffcile</i> , exhibits anti-inflammatory activity, inhibits the expression levels of inducible nitric oxide synthase (iNOS), cyclooxygenase-2 (COX-2), TNF- α , and IL-6 messenger RNA (mRNA), and inhibits the nuclear transcription factor, kappa-B alpaha (I κ B- α), p38, extracellular signal-regulated kinase (ERK) and c-Jun N-terminal kinase (JNK) inhibitor phosphorylation.
Targets(IC50)	NF- κ B, MAPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5619 mL	12.8093 mL	25.6187 mL
5 mM	0.5124 mL	2.5619 mL	5.1237 mL
10 mM	0.2562 mL	1.2809 mL	2.5619 mL
50 mM	0.0512 mL	0.2562 mL	0.5124 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

Inouye H, et al. Studies on monoterpene glucosides. VII. Iridoid glucosides of *Paederia scandens*. Chem Pharm Bull (Tokyo). 1969 Sep;17(9):1942-8.

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