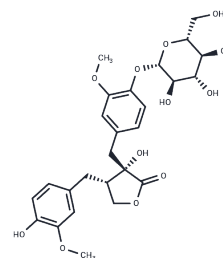


Nortracheloside

Chemical Properties

CAS No. :	33464-78-7
Formula:	C ₂₆ H ₃₂ O ₁₂
Molecular Weight:	536.53
Storage:	Keep away from direct sunlight Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Nortracheloside is one of the five lignan extracts present in Trachelospermi Caulis and Carissa edulis, with Trachelospermi caulis widely utilized in to alleviate fever and pain. Nortracheloside has been recognized as an active component capable of reducing allergen permeation and enhancing intestinal barrier function, thereby demonstrating promising potential to attenuate food allergy and inflammatory bowel disease through immunoregulatory bioactivity.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 100 mg/mL (186.38 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8638 mL	9.3191 mL	18.6383 mL
5 mM	0.3728 mL	1.8638 mL	3.7277 mL
10 mM	0.1864 mL	0.9319 mL	1.8638 mL
50 mM	0.0373 mL	0.1864 mL	0.3728 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Tan XQ, et al. Lignans from *Trachelospermum jasminoides*. *Planta Med.* 2005 Jan;71(1):93-5.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481