

Schisanwilsonin B

Chemical Properties

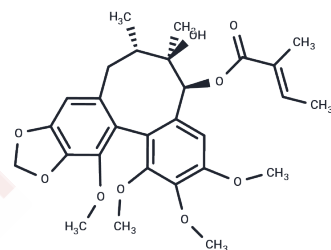
CAS No. : 1181216-84-1

Formula: C₂₈H₃₄O₉

Molecular Weight: 514.56

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Schisanwilsonin D, and schisantherin C show anti-HBV activity.
Targets(IC50)	Others
In vitro	Seven new dibenzocyclooctane lignans, schisanwilsonins A??G (1??7), were isolated from the fruits of Schisandra wilsoniana, together with five known lignans (8??12). The structures of these new compounds were elucidated by spectroscopic methods including 2D-NMR techniques. The 12 lignans were tested for anti-hepatitis B virus (HBV) activity in vitro.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9434 mL	9.717 mL	19.4341 mL
5 mM	0.3887 mL	1.9434 mL	3.8868 mL
10 mM	0.1943 mL	0.9717 mL	1.9434 mL
50 mM	0.0389 mL	0.1943 mL	0.3887 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

Schisanwilsonins AG and related anti-HBV lignans from the fruits of Schisandra wilsoniana. *Bioorganic & Medicinal Chemistry Letters*, 2009, 19(17):4958-4962.

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