2,3,5,4'-Tetrahydroxystilbene 2-O-β-D-glucoside

Cat. No.: HY-N0652
CAS No.: 82373-94-2
Molecular Formula: C₂₀H₂₂O₉
Molecular Weight: 406.38
Target: Others
Pathway: Others
Storage: Powder -20°C 3 years
        4°C 2 years
        In solvent -80°C 6 months
        -20°C 1 month

SOLVENT & SOLUBILITY

In Vitro
DMSO : ≥ 35 mg/mL (86.13 mM)
H₂O : 10 mg/mL (24.61 mM; Need ultrasonic)

Solvent Mass 1 mg 5 mg 10 mg
Preparing Stock Solutions

Concentration

1 mM 2.4608 mL 12.3038 mL 24.6075 mL
5 mM 0.4922 mL 2.4608 mL 4.9215 mL
10 mM 0.2461 mL 1.2304 mL 2.4608 mL

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

BIOLOGICAL ACTIVITY

Description

2,3,4',5-tetrahydroxystilbene 2-O-D-glucoside isolates from the roots of Polygonum species, inhibits the formation of 5-HETE, HHT and thromboxane B₂, although less strongly. [1]

REFERENCES

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

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