
Product Data Sheet

Product Name: Lindleyin
Cat. No.: GC38990

Chemical Properties

Cas. No. 59282-56-3

SMILES CC(CCC(C=C1)=CC=C1O[C@@H]2O[C@@H]([C@@H](O)[C@H](O)[C@H]2O)COC(C3=CC(O)=C(O)C(O)=C3)=O)=O

Formula C₂₃H₂₆O₁₁ M.Wt 478.45

Solubility DMSO : 50 mg/mL (104.50 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

Lindleyin, isolated from Rhei rhizoma, mediates hormonal effects through estrogen receptors. Lindleyin binds to ER α with estrogenic activity[1].

[1]. Usui T, et al. The phytochemical lindleyin, isolated from Rhei rhizoma, mediates hormonal effects through estrogen receptors. J Endocrinol. 2002 Nov;175(2):289-96.

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

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