
Product Data Sheet

Product Name: Glabrone
Cat. No.: GC36146

Chemical Properties

Cas. No. 60008-02-8

SMILES O=C1C(C2=CC=C3C(C=CC(C)(C)O3)=C2O)=COC4=CC(O)=CC=C14

Formula C₂₀H₁₆O₅

M.Wt 336.34

Solubility DMSO : 25 mg/mL (74.33 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

Glabrone is an isoflavone isolated from Glycyrrhiza glabra roots. Glabrone exhibits anti-influenza activity and significant PPAR- γ ligand-binding activity[1][2]. PPAR- γ

[1]. Grienke U, et al. Computer-guided approach to access the anti-influenza activity of licorice constituents. J Nat Prod. 2014 Mar 28;77(3):563-70. [2]. Kuroda M, et al. Phenolics from Glycyrrhiza glabra roots and their PPAR-gamma ligand-binding activity. Bioorg Med Chem. 2010 Jan 15;18(2):962-70.

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

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