
Product Data Sheet

Product Name: Glabrolide

Cat. No.: GC36145

Chemical Properties

Cas. No. 10401-33-9

SMILES C[C@]12[C@@](C(C=C3[C@]2(CC[C@]4(C)[C@@]3([H])C[C@]5(C)C[C@@]4([H])OC5=O)C)=O)([H])[C@@]6([C@@](C(C)([C@@H](O)CC6)C)([H])CC1)C

Formula C₃₀H₄₄O₄ M.Wt 468.67

Solubility Soluble in DMSO 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**

Glabrolide, derived from Glycyrrhiza uralensis Fisch., is a β -secretase 1 (BACE-1) inhibitor[1].

[1]. Arif N, et al. In silico Inhibition of BACE-1 by Selective Phytochemicals as Novel Potential Inhibitors: Molecular Docking and DFT Studies. Curr Drug Discov Technol. 2019 Feb 14.

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

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