

Product Name : Mogrol

Synonyms : —

Cat No. : M24913

CAS Number : 88930-15-8

Molecular Formula : C₃₀H₅₂O₄

Formula Weight : 476.7

Chemical Name : —

Description : Mogrol is a biometabolite of mogrosides. Mogrol acts via inhibition of the ERK1/2 and STAT3 pathways, or reducing CREB activation and activating AMPK signaling.

Pathway : MAPK/ERK Signaling

Target : ERK

Receptor : ERK1; ERK2; STAT3

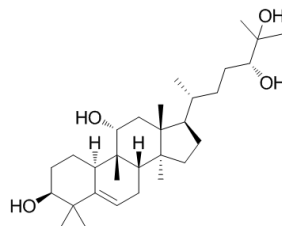
Solubility : DMSO: 110 mg/mL?(230.74 mM; ?Need ultrasonic)

SMILES : CC1(C)[C@@H](O)CC[C@@]2([H])[C@]3(C)[C@H](O)C[C@]4(C)[C@@H]([C@H](C)CC[C@@H](O)C(C)(O)C)CC[C@](C)(C)[C@]3([H])CC=C12

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1.Liu C, et al. Mogrol represents a novel leukemia therapeutic, via ERK and STAT3 inhibition. Am J Cancer Res. 2015 Mar 15;5(4):1308-18.