

Product Data Sheet

Product Name: Setosusin

Cat. No.: GC40068

Chemical Properties

Cas. No. 182926-45-0

SMILES CC([C@@]1([H])[C@@]([C@@H](OC(C)=O)C2)(C)[C@]3([H])[C@@]([C@]4(C[C@@]5(C(C(C)=C(C)O5)=O)C(O4)=O)C(C)=CC3)(C)CC1)(C)OC2=O

Formula C₂₉H₃₈O₈

M.Wt 514.6

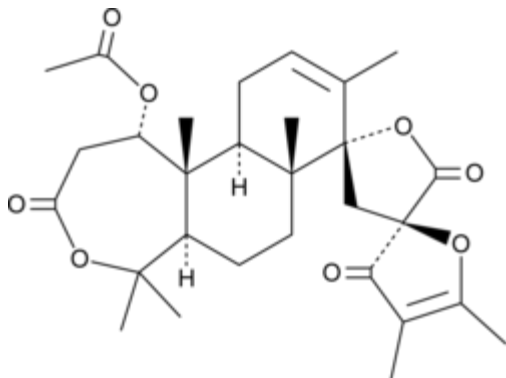
Solubility Soluble in DMSO

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

Setosusin is a meroterpenoid fungal metabolite originally isolated from *C. setosus*. It reduces neurotoxicity induced by amyloid- β (A β) aggregates in PC12 cells (EC₅₀ = 112.6 μ M). In vivo, setosusin (30 mg/kg) induces tremors in mice.

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

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