

Product Data Sheet

Product Name: Aspalatone

Cat. No.: GC40848

Chemical Properties

Cas. No. 147249-33-0

SMILES O=C1C(OC(C2=C(OC(C)=O)C=CC=C2)=O)=C(C)OC=C1

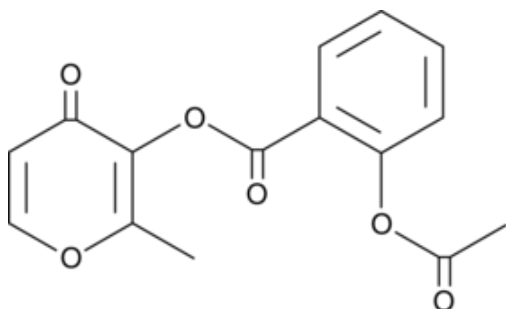
Formula C₁₅H₁₂O₆ M.Wt 288.3

Solubility DMF: 10 mg/ml, DMSO: 10 mg/ml, DMSO:PBS (pH 7.2) (1:10): 0.1 mg/ml, Ethanol: 1 mg/ml
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

Aspalatone is an anti-platelet aggregator (IC₅₀ = 180 μM, in vitro) that prolongs bleeding time significantly in a rodent model of thromboembolism. Additionally at a minimal effective dose of 24 mg/kg, aspalatone generates antioxidant and neuroprotective effects against kainic acid-induced epilepsy in rat hippocampus.

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

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