
Product Data Sheet

Product Name: Oleuroside

Cat. No.: GC39021

Chemical Properties

Cas. No. 116383-31-4

SMILES OC1=C(O)C=CC(COC(C[C@H]2[C@H]([C@@H](OC=C2C(OC)=O)O[C@]3([H])O[C@@H]([C@@H](O)[C@H](O)[C@H]3O)CO)C=C)=O)=C1

Formula C₂₅H₃₂O₁₃ M.Wt 540.51

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**

Oleuroside is a phenolic secoiridoid in olive. Oleuroside can protect against mitochondrial dysfunction in models of early Alzheimer's disease and brain ageing[1].

[1]. Grewal R, et al. Purified oleocanthal and ligstroside protect against mitochondrial dysfunction in models of early Alzheimer's disease and brain ageing. *Exp Neurol.* 2020 Feb 18:113248.

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

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