

Product Data Sheet

Product Name: Swertiamarin

Cat. No.: GC38426

Chemical Properties

Cas. No. 17388-39-5

SMILES C=C[C@@H]([C@@H]1O[C@]([C@@H]([C@@H](O)[C@@H]2O)O)([H])O[C@@H]2CO)[C@@](C3=CO1)(CCOC3=O)O

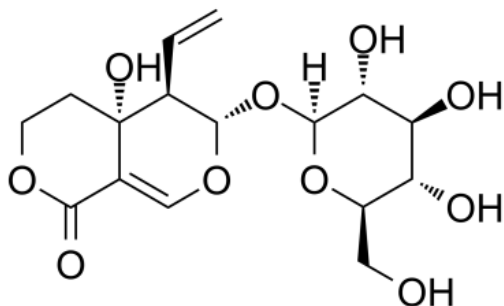
Formula $C_{16}H_{22}O_{10}$ M.Wt 374.34

Solubility 250 mg/mL in DMSO Storage 4°C, protect from light

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

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

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Swertiamarin, a secoiridoid glycoside found in genera of Enicostemma Species, confers anti-hyperglycemic and anti-hyperlipidemic effects[1].

[1]. Patel N, et al. Curr Drug Targets. 2018;19(16):1958-1967. doi: 10.2174/1389450119666180406113428.

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