

Product Data Sheet

Product Name: Baohuoside VII

Cat. No.: GC35468

Chemical Properties

Cas. No. 119730-89-1

SMILES O=C(C1=C(C=C2O)O)C(O[C@H](O[C@@H](C)[C@H](O[C@H]([C@@H]([C@@H](O)[C@@H]3O)O)([H])O[C@@H]3CO)[C@H]4O)[C@@H]4O)=C(C5=CC=C(OC)C=C5)OC1=C2C/C=C(C)\C

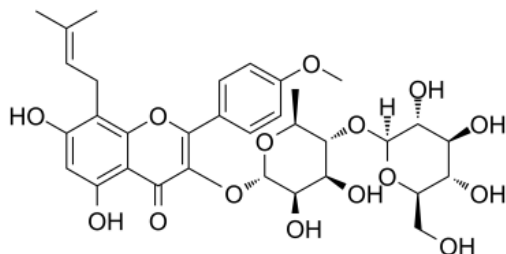
Formula $C_{33}H_{40}O_{15}$ M.Wt 676.66

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

Baohuoside VII is a flavonoid isolated from Herba Epimedii, with anti-osteoporosis activities[1].

[1]. X.J.Chen, et al. A rapid method for simultaneous determination of 15 flavonoids in Epimedium using pressurized liquid extraction and ultra-performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis. 2008, 46(2): 226-235. [2]. XiuLanXin, et al.

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

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Biotransformation of major flavonoid glycosides in herb epimedii by the fungus Cunninghamella blakesleana. Journal of Molecular Catalysis B: Enzymatic. 2015; 122: 141-146.

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