
Product Data Sheet

Product Name: Ikarisoside F (Ikarisoside-F)

Cat. No.: GC33179

Chemical Properties

Cas. No. 113558-14-8

SMILES OC1=CC(O)=C2C(OC(C3=CC=C(O)C=C3)=C(O[C@H](O[C@@H](C)[C@H](O)[C@H]4O)[C@@H]4O[C@@](OC[C@@H](O)[C@@H]5O)([H])[C@@H]5O)C2=O)=C1C/C=C(C)/C

Formula C₃₁H₃₆O₁₄ M.Wt 632.61

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**

Ikarisoside F is a flavonol glycoside from *Vancouveria hexandra*; could bind to AdoHcy hydrolase.

[1]. Mizuno M, et al. Two flavonol glycosides from *Vancouveria hexandra*. *Phytochemistry*. 1992 Jan;31(1):297-9. [2]. Zhang X, et al. Inhibitory effect of *Epimedium* extract on S-adenosyl-L-homocysteine hydrolase and biomethylation. *Life Sci*. 2005 Nov 26;78(2):180-6.

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

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