

Product Data Sheet

Product Name: Emodin-8-glucoside

Cat. No.: GC38051

Chemical Properties

Cas. No. 23313-21-5

SMILES O=C1C2=C(C=C(C)C=C2O)C(C3=CC(O)=CC(O[C@H]4[C@@H]([C@H]([C@@H]([C@@H]([C@H]4CO)O4)O)O)=C13)=O

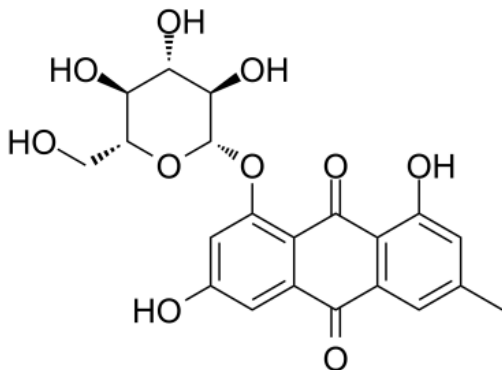
Formula $C_{21}H_{20}O_{10}$ M.Wt 432.38

Solubility Soluble 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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Emodin-8-glucoside is an anthraquinone derivative isolated from Aloe vera, binds to minor groove of DNA[1].

[1]. Das A, et al. Interaction of aloe active compounds with calf thymus DNA. J Mol Recognit. 2019 Oct;32(10):e2786.

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