

Product Data Sheet

Product Name: (Rac)-Hydnocarpin

Cat. No.: GC61610

Chemical Properties

Cas. No. 51419-48-8

SMILES O=C1C=C(C2=CC=C(OC(C3=CC=C(O)C(OC)=C3)C(CO)O4)C4=C2)OC5=CC(O)=CC(O)=C15

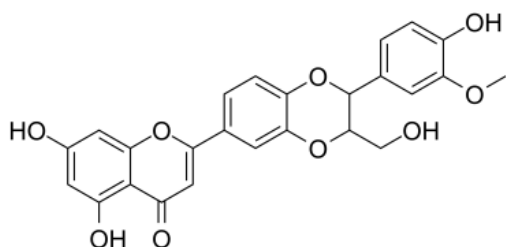
Formula $C_{25}H_{20}O_9$ M.Wt 464.42

Solubility 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

(Rac)-Hydnocarpin is a flavonoid isolated from *Hydnocarpus wightiana* Blume, and exhibits moderate cytotoxic on cancer cells[1].

[1]. Arya JS, et al. Exploring Mitochondria-Mediated Intrinsic Apoptosis by New Phytochemical Entities: An Explicit Observation of Cytochrome c Dynamics on Lung and Melanoma Cancer Cells. J Med Chem. 2019 Sep 12;62(17):8311-8329.

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

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