

Product Data Sheet

Product Name: Aurantio-obtusin β -D-glucoside

Cat. No.: GC38570

Chemical Properties

Cas. No. 129025-96-3

SMILES O=C1C2=C(C(O)=C(OC)C(O[C@@H]3O[C@@H]([C@@H](O)[C@H](O)[C@H]3O)CO)=C2)C(C4=C(OC)C(O)=C(C)C=C14)=O

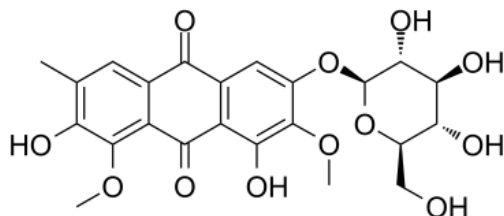
Formula $C_{23}H_{24}O_{12}$ M.Wt 492.43

Solubility DMSO : 50 mg/mL (101.54 mM; Need ultrasonic) 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

Aurantio-obtusin β -D-glucoside (Glucoaurantio-obtusin), isolated from Cassiae Semen (seeds of Cassia tora), is a glucoside of aurantio-obtusin[1].

[1]. Hur JM, et al. Changes in aurantio-obtusin and glucoaurantio-obtusin content in Cassiae Semen via treatment with a crude enzyme extract from Aspergillus usarii. J Microbiol Biotechnol. 2007

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

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Nov;17(11):1894-7.

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