

Product Data Sheet

Product Name: Poncirin
Cat. No.: GC39069

Chemical Properties

Cas. No. 14941-08-3

SMILES O=C(C[C@@H](C1=CC=C(OC)C=C1)OC2=CC(O[C@H](O[C@H](CO)[C@@H](O)[C@@H]3O)[C@@H]3O[C@@](O[C@@H](C)[C@H](O)[C@H]4O)([H])[C@@H]4O)=C5)C2=C5O

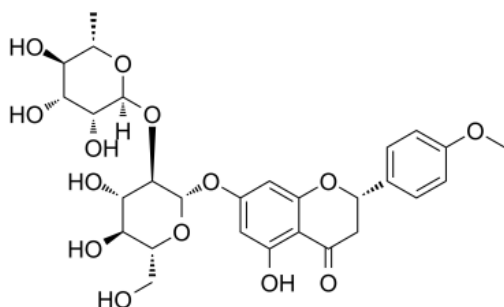
Formula $C_{28}H_{34}O_{14}$ M.Wt 594.56

Solubility DMSO:100mg/ml Storage Store at -20°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

Poncirin is isolated from Poncirus trifoliata with anti-inflammatory activities. Poncirin significantly reduces mechanical hyperalgesia and allodynia in Complete Freund's Adjuvant (CFA)-induced inflammatory pain models[1].

[1]. Ling H, et al. Polyporenic acid C induces caspase-8-mediated apoptosis in human lung cancer

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

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A549 cells. Mol Carcinog. 2009 Jun;48(6):498-507.

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