

Product Data Sheet

Product Name: 3,6-Dihydroxyflavone

Cat. No.: GC64762

Chemical Properties

Cas. No. 108238-41-1

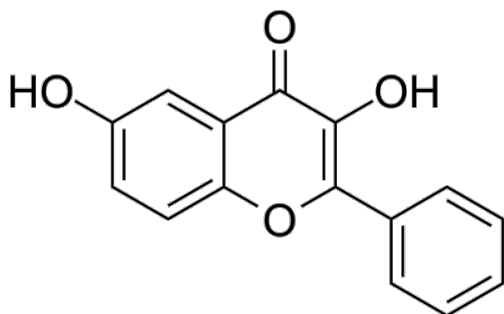
Formula C₁₅H₁₀O₄ M.Wt 254.24

Solubility DMSO : 66.67 mg/mL (262.23 mM; Storage Store at -20°C
Need ultrasonic)

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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Address: 10292 Central Ave. #205, Montclair, CA, USA

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3,6-Dihydroxyflavone is an anti-cancer agent. 3,6-Dihydroxyflavone dose- and time-dependently decreases cell viability and induces apoptosis by activating caspase cascade, cleaving poly (ADP-ribose) polymerase (PARP). 3,6-Dihydroxyflavone increases intracellular oxidative stress and lipid peroxidation[1].

[1]. Chang H, et al. 3,6-Dihydroxyflavone induces apoptosis in leukemia HL-60 cell via reactive oxygen species-mediated p38 MAPK/JNK pathway. Eur J Pharmacol. 2010;648(1-3):31-38.

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