

Product Data Sheet

Product Name: Rhamnetin

Cat. No.: GC41004

Chemical Properties

Cas. No. 90-19-7

SMILES OC1=CC(OC)=CC2=C1C(C(O)=C(C3=CC=C(C(O)C(O)=C3)O2)=O

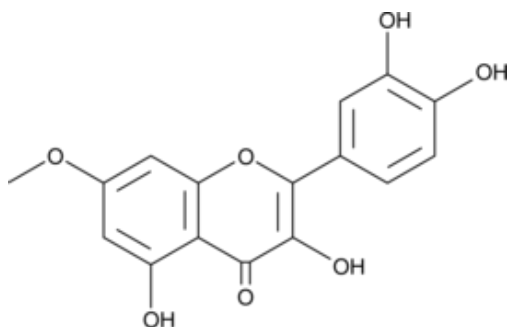
Formula C₁₆H₁₂O₇ M.Wt 316.3

Solubility DMF: 10 mg/ml, DMSO: 20 mg/ml, DMSO:PBS (pH 7.2) (1:1): 0.5 mg/ml
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

Rhamnetin is a natural flavonoid that has been isolated from a variety of plants. Like other flavonoids, rhamnetin has antioxidant activity. Rhamnetin has cytoprotective and anti-inflammatory actions, both in cells and in animal models of disease.

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

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