

Product Name : 7,8-Dihydroxyflavone

Synonyms : 7,8-Dihydroxyflavone; DHF

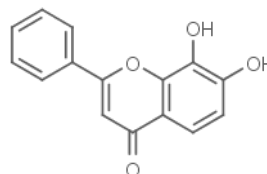
Cat No. : M18494

CAS Number : 38183-03-8

Molecular Formula : C₁₅H₁₀O₄

Formula Weight : 254.24

Chemical Name : 7,8-Dihydroxy-2-phenyl-chromen-4-one



Description : 7,8-Dihydroxyflavone is an agonist of tyrosine receptor kinase B (TrkB). It acts by promoting immature neuron survival after TBI through activation of the BDNF signaling pathway.

Pathway : Angiogenesis

Target : EGFR

Receptor : TrkB

Solubility : DMSO : ≥ 100 mg/mL; 393.33 mM

SMILES : c1ccc(cc1)c1cc(=O)c2c(o1)c(c(cc2)O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Lee RH, et al. Oncol Rep. 2015 Feb;33(2):631-8.