

Product Name : Quercetin

Synonyms : —

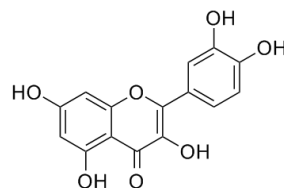
Cat No. : M10587

CAS Number : 117-39-5

Molecular Formula : C₁₅H₁₀O₇

Formula Weight : 302.24

Chemical Name : —



Description : Quercetin, a natural flavonoid present in vegetables, fruit and wine, is a stimulator of recombinant SIRT1 and also a PI3K inhibitor with IC₅₀ of 2.4-5.4 μM. Phase 4.

Pathway : PI3K/Akt/mTOR signaling

Target : PI3K

Receptor : PI3Kγ; PI3Kδ

Solubility : Ethanol: 10 mg/mL (33.08 mM); DMSO: 61 mg/mL (201.82 mM)

SMILES : OC1=CC(O)=C2C(OC(=C(O)C2=O)C2=CC(O)=C(O)C=C2)=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Navarro-Nunez L, et al. Fitoterapia, 2010, 81(2):75-80.