

Product Name : ISOGINKGETIN

Synonyms : Isoginkgetin; IGG

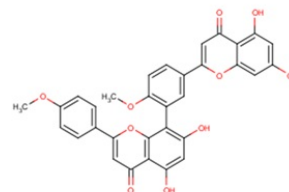
Cat No. : M18783

CAS Number : 548-19-6

Molecular Formula : C₃₂H₂₂O₁₀

Formula Weight : 566.51

Chemical Name : 8-[5-(5,7-Dihydroxy-4-oxochromen-2-yl)-2-methoxyphenyl]-5,7-dihydroxy-2-(4-methoxyphenyl)chromen-4-one



Description : Isoginkgetin, a compound derived from the leaves of Ginkgo biloba, to up-regulate adiponectin secretion with potency comparable to that of rosiglitazone, a known modulator of adiponectin production. Isoginkgetin has anti-tumor activity, the mechanistic basis is splicing inhibition, thus, pre-mRNA splicing inhibitors may represent a novel avenue for development of new anti-cancer agents. Isoginkgetin can inhibit tumor cell invasion by regulating phosphatidylinositol 3-kinase/Akt-dependent matrix metalloproteinase-9 expression. Isoginkgetin (0.3mg/kg ip for 3d) can reduce the level of O₂⁻ in plasma and erythrocyte and sometimes increase the activity of SOD in anoxic rats, the action being stronger than aspirin.

Pathway : Others

Target : Other Targets

Receptor : Others

Solubility : DMSO : ≥ 83.3 mg/mL; 147.04 mM

SMILES : COC1=CC=C(C=C1)C2=CC(=O)C3=C(O2)C(=C(C=C3O)O)C4=C(C=CC(=C4)C5=CC(=O)C6=C(C=C(C=C6O5)O)O)OC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :