

Product Name : Calycosin-7-O-beta-D-glucoside

Synonyms : —

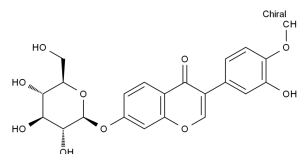
Cat No. : M13206

CAS Number : 20633-67-4

Molecular Formula : C₂₂H₂₂O₁₀

Formula Weight : 446.40

Chemical Name : —



Description : Calycosin 7-O-β-D-glucoside has antimicrobial activity. Calycosin 7-O-β-D-glucoside is anticipated to be a promising anti-HIV agent. It shows scavenging activity to DPPH radicals, and superoxide anion. Calycosin 7-O-β-D-glucopyranoside possesses an alleviating effect on osteoarthritis and can increase the fluidity of brain cell membrane in ischemia-reperfusion rats. Calycosin 7-O-β-D-glucopyranoside possesses a protective effect on rat hepatocytes, an inhibitory effect on COX-2 activity.

Pathway : Metabolic Enzyme/Protease

Target : MMP

Receptor : MMP-2; MMP-9

Solubility : Soluble in Pyridine, Methanol, Ethanol, etc.

SMILES : COC1=C(C=C(C=C1)C2=COC3=C(C2=O)C=CC(=C3)O[C@H]4[C@@H]([C@H]([C@@H]([C@H]([C@H](O4)CO)O)O)O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Fu S, et al. J Ethnopharmacol. 2014 Aug 8;155(1):692-701.