

Product Name : Morroniside

Synonyms : —

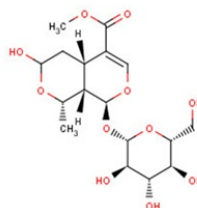
Cat No. : M18312

CAS Number : 25406-64-8

Molecular Formula : C₁₇H₂₆O₁₁

Formula Weight : 406.38

Chemical Name : —



Description : Morroniside would act as a regulator of hepatic inflammatory reactions and lipid metabolism in db/db mice. It exhibits protective effects against diabetic renal damage and human umbilical vein endothelial cells, by inhibiting hyperglycemia and oxidative stress. Morroniside can notably protect the brain from damage induced by focal cerebral ischemia which might be related to morroniside antioxidant and anti-apoptotic properties in the brain.

Pathway : Others

Target : Antioxidant

Receptor : Others

Solubility : DMSO : 125 mg/mL 307.59 mM;

SMILES : C[C@H]1[C@@H]2[C@H](CC(O1)O)C(=CO[C@H]2O[C@H]1[C@@H]([C@H]([C@@H]([C@H](O1)CO)O)O)C(=O)OC

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Xiong S, et al. J Pharmacol Sci. 2015 Apr;127(4):414-8.