Product Name	:	Mulberroside A
Synonyms	:	Mulberroside A; Mulberroside-A
Cat No.	:	M17759
CAS Number	:	102841-42-9
Molecular Formula	:	C26H32O14
Formula Weight	:	568.52
Chemical Name	:	(2S,3R,4S,5S,6R)-2-[3-Hydroxy-4-[(E)-2-[3-hydroxy-5-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyphenyl]ethenyl]phenoxy]-6-(hydroxymethyl)oxane-3,4,5-triol
Description	:	Mulberroside has nephroprotective, hypoglycemic, and antidiabetic effects. Mulberroside A is a glycosylated stilbene of oxyresveratrol; thus, the deglycosylation of Mulberroside A resulted in enhanced inhibition of melanogenesis. Mulberroside A has anti-inflammatory antiapoptotic effects. by decreasing the expressions of tumor necrosis factor-α (TNF-α), interleukin (IL)-1β, and IL-6 and inhibiting the activation of NALP3, caspase-1, and nuclear factor-κB and the phosphorylation of extracellular signal-regulated protein kinases, the c-Jun N-terminal kinase, and p38.
Pathway	:	Others
Target	:	Other Targets
Receptor	:	Others
Solubility	:	DMSO : ≥ 40 mg/mL; 70.36 mM
SMILES	:	C1=CC(=C(C=C1OC2C(C(C(C(O2)CO)O)O)O)O)C=CC3=CC(=CC(=C3)OC4C(C(C(C(O4)CO)O)O)O)O
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	: