

# Isoacteoside

Catalog No: tcsc2625



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

61303-13-7

**Formula:**

$C_{29}H_{36}O_{15}$

**Pathway:**

Others

**Target:**

Others

**Purity / Grade:**

>98%

**Solubility:**

DMSO :  $\geq 48$  mg/mL (76.85 mM)

**Alternative Names:**

Isoverbascoside

**Observed Molecular Weight:**

624.59

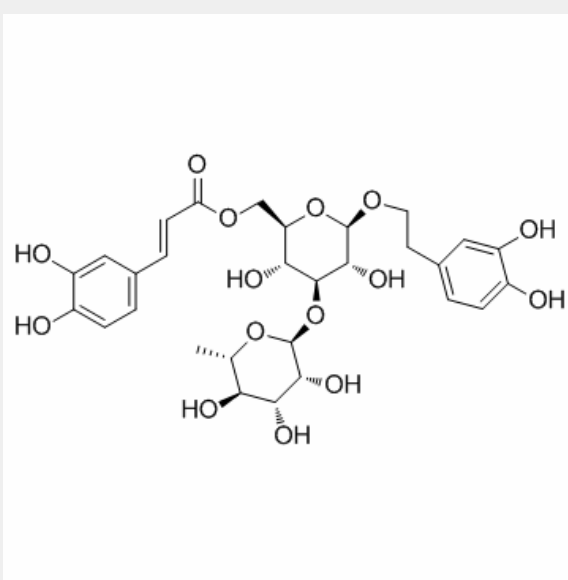
## Product Description

Isoacteoside is a natural compound which exhibit significant inhibition of advanced glycation end product formation with IC<sub>50</sub> values of 4.6-25.7  $\mu$ M, compared with those of aminoguanidine (IC<sub>50</sub>=1,056  $\mu$ M) and quercetin (IC<sub>50</sub>=28.4  $\mu$ M) as positive controls.

IC<sub>50</sub> value:

Target:

In the rat lens aldose reductase assay, acteoside, isoacteoside, and poliumoside exhibited greater inhibitory effects on rat lens aldose reductase with IC<sub>50</sub> values of 0.83, 0.83, and 0.85  $\mu$ M, respectively, than those of the positive controls, 3,3-tetramethyleneglutaric acid (IC<sub>50</sub>=4.03  $\mu$ M) and quercetin (IC<sub>50</sub>=7.2  $\mu$ M).



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!