

Product Name	: Oroxin A (b)
Synonyms	: Baicalin-7-glucoside
Cat No.	: M20263
CAS Number	: 31567-75-6
Molecular Formula	: C ₂₁ H ₂₀ O ₁₀
Formula Weight	: 432.38
Chemical Name	: —
Description	: Oroxin A is a partial PPAR γ agonist that can activate PPAR γ transcriptional activation in vitro and in vivo. Oroxin A also exhibited inhibitory activity against α -glucosidase and antioxidant capacity.
Pathway	: Metabolic Enzyme/Protease
Target	: PPAR
Receptor	: PPAR γ agonist; α -glucosidase
Solubility	: DMSO: Soluble
SMILES	: <chem>OC[C@H]1O[C@@H](Oc2cc3oc(cc(=O)c3c(O)c2O)-c2ccccc2)[C@H](O)[C@@H](O)[C@@H]1O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Sun W et al. Oroxin A from *Oroxylum indicum* prevents the progression from prediabetes to diabetes in streptozotocin and high-fat diet induced mice. *Phytomedicine*. 2018 Jan 1;38:24-34.