

Product Name	: Gaultherin
Synonyms	: —
Cat No.	: M24445
CAS Number	: 490-67-5
Molecular Formula	: C ₁₉ H ₂₆ O ₁₂
Formula Weight	: 446.4
Chemical Name	: —
Description	Gaultherin has analgesic, and anti-inflammatory activities. Gaultherin lacks gastric ulcerogenic effect, because of it released salicylate in intestine slowly, not in stomach and it left the cyclooxygenase-1 unaffected, which was the source of cytoprotective prostaglandins in gastric epithelium.
Pathway	: Chromatin/Epigenetic
Target	: COX
Receptor	: COX
Solubility	: DMSO: 10 mM
SMILES	: <chem>COC(C1=C(C=CC=C1)O[C@@H]2O[C@@H]([C@H]([C@@H]([C@H]2O)O)O)CO[C@H]3[C@@H]([C@H]([C@@H](CO3)O)O)=O</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Synthesis and anti-nociceptive and anti-inflammatory effects of gaultherin and its analogs. J Asian Nat Prod Res. 2011 Sep;13(9):817-25.