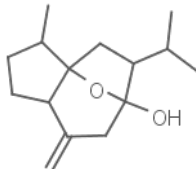


Product Name	: Curcuminol
Synonyms	: Curcuminol
Cat No.	: M18633
CAS Number	: 4871-97-0
Molecular Formula	: C ₁₅ H ₂₄ O ₂
Formula Weight	: 236.35
Chemical Name	: (3S,3aS,5S,6R,8aS)-Octahydro-3-methyl-8-methylene-5-(1-methylethyl)-6H-3a,6-epoxyazulen-6-ol
Description	 <p>Curcuminol, isolated from the traditional medical plant <i>Rhizoma Curcumae</i>, is the bioactive component of Zedoary oil, whose potential anti-tumor effect has attracted considerable attention in recent years. Curcuminol inhibits the proliferation of gastric adenocarcinoma MGC-803 cells via downregulation of IDH1. Curcuminol triggers apoptosis of p53 mutant triple-negative human breast cancer MDA-MB 231 cells via activation of p73 and PUMA. Curcuminol induces cell cycle arrest in colon cancer cells via reactive oxygen species and Akt/ GSK3β/cyclin D1 pathway. Curcuminol Promotes Vascular Endothelial Growth Factor (VEGF)-Mediated Diabetic Wound Healing in Streptozotocin-Induced Hyperglycemic Rats.</p>
Pathway	: Wnt/Notch/Hedgehog
Target	: Wnt/beta/catenin
Receptor	: JAK
Solubility	: DMSO : ≥ 100 mg/mL 423.10 mM; H ₂ O : < 0.1 mg/mL
SMILES	: C1C[C@@H]([C@@]23C[C@H]([C@@](CC(=C)[C@H]12)(O3)O)C(C)C
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zhang W, et al. Med Oncol, 2011, 28(1), 307-314.