

<b>Product Name</b>	: Pristimerin
<b>Synonyms</b>	: Pristimerin; Celastrol-methylether; UNII-28ZK7PR57S
<b>Cat No.</b>	: M17913
<b>CAS Number</b>	: 1258-84-0
<b>Molecular Formula</b>	: C <sub>30</sub> H <sub>40</sub> O <sub>4</sub>
<b>Formula Weight</b>	: 464.64
<b>Chemical Name</b>	: methyl (2S,4aS,6aR,12bR,14aR,14bR)-10-hydroxy-2,4a,6a,9,12b,14a-hexamethyl-11-oxo-1,2,3,4,4a,5,6,6a,11,12b,13,14,14a,14b-tetradecahydronicene-2-carboxylate
<b>Description</b>	<p>Pristimerin has anticancer activity , treatment with Pristimerin may be a potential strategy for the suppression of hypoxia-induced metastasis through the reversal of hypoxia-induced stem cell characteristics and EMT in cancer cells. Pristimerin down-regulates the expression of pro-inflammatory mediators through blocking of NF-κB activation by inhibiting interconnected ROS/IKK/NF-κB signaling pathways, can effectively inhibit both arthritic inflammation and cartilage and bone damage in the joints.</p>
<b>Pathway</b>	: Chromatin/Epigenetic
<b>Target</b>	: Sirtuin
<b>Receptor</b>	: NF-κB
<b>Solubility</b>	: DMSO : 20 mg/mL 43.04 mM; H <sub>2</sub> O : < 0.1 mg/mL
<b>SMILES</b>	: <chem>CC1=C(C(=O)C=C2C1=CC=C3C2(CCC4(C3(CCC5(C4CC(C5)(C)C(=O)OC)C)C)C)O</chem>
<b>Storage</b>	: (-20°C)
<b>Stability</b>	: ≥ 2 years
<b>Reference</b>	:

