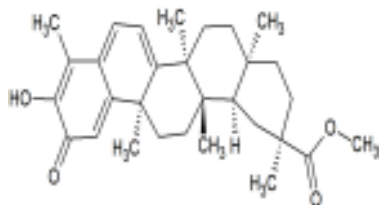


Pristimerin

ALTERNATE NAME: Celastrol methyl ester
(9b,13a,14b,20a)-3-Hydroxy-9,13-dimethyl-2-oxo-24,25,26-trinoroleana-1(10),3,5,7-tetraen-29-oic acid methyl ester

CATALOG #: B3238-1 1 mg
B3238-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₀H₄₀O₄

MOLECULAR WEIGHT: 464.64

CAS NUMBER: 1258-84-0

APPEARANCE: Orange solid

PURITY: ≥98%

SOLUBILITY: ~5 mg/ml DMSO

DESCRIPTION: Pristimerin is a potent and reversible inhibitor of monoacylglycerol lipase (MGL) (IC₅₀ = 93 nM). Pristimerin inhibits inflammation and tumor angiogenesis and significantly reduces vessel density in synovial membrane tissues of inflamed joints and reduces the expression of pro-angiogenic factors in sera, including TNF-α, Ang-1, and MMP-9.

STORAGE TEMPERATURE: -20°C. Protect from light

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

JZL 195 (B1064)
Monoacylglycerol Lipase Inhibitor Screening Kit (Fluorometric) (K474)
JZL-184 (B2755)
Monoacylglycerol Lipase (MAGL) Activity Assay Kit (Fluorometric) (K561)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*