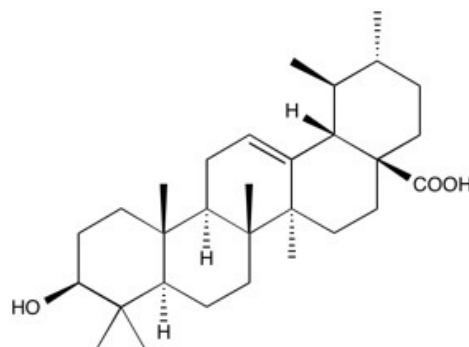


Ursolic acid, Angiogenesis Inhibitor

Catalog	Unit
TBI4010-50MG	50 mg
TBI4010-250MG	250 mg

Product Details

Formal Name: 3 β -Hydroxyurs-12-en-28-oic acid
Molecular Formula: C₃₀H₄₈O₃
Formula Weight: 456.70
CAS Number: 77-52-1
Purity: >98%
Formulation: powder
Solubility: Soluble in DMSO (up to 25 mg/ml with warming).
Storage: -20°C
Stability: \geq 1 year.



Applications

Angiogenesis Inhibitor

Functions

Inhibits endothelial cell proliferation and migration (IC₅₀=5 μ M) and angiogenesis. Promotes skeletal muscle rejuvenation via enhanced SIRT1 expression. Induces apoptosis in malignant mesothelioma cells.

Application Procedures

First dissolved in DMSO (up to 25 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

For research use only.