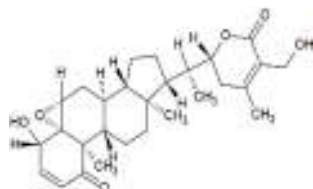


Withaferin A

ALTERNATE NAME: NSC 101088
5β,6β-epoxy-4β,22R,27-trihydroxy-1-oxo-δ-lactone-ergosta-2,24-dien-26-oic acid
NSC 273757

CATALOG #: B2716-1 1 mg
B2716-5 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₈H₃₈O₆

MOLECULAR WEIGHT: 470.60

CAS NUMBER: 5119-48-2

APPEARANCE: White to off-white or slightly yellow crystalline solid

PURITY: ≥98%

SOLUBILITY: ~ 5 mg/ml DMSO

DESCRIPTION: Withaferin A is a steroid lactone that displays potent anti-inflammatory, antitumor and antiangiogenic activity. Inhibits endothelial cells (HUVEC) sprouting in vitro (IC₅₀ = 12 nM) and in vivo. Prevents NF-κB activation by inhibiting activation of IKKβ. Also inhibits chymotrypsin-like activity of the 20S proteasome.

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:

2-Methoxyestradiol (2166)
Irsogladine maleate (B2187)
E7820 (B2600)
Fumagillin (2368)

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