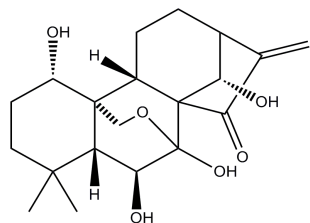


Oridonin

CATALOG #: 1730- 5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



ALTERNATE NAME: 7a,20-Epoxy-1a,6b,7,14-tetrahydroxy-Kaur-16-en-15-one; Isodonol; NSC-250682

MOLECULAR FORMULA: C₂₀H₂₈N₅O₆

MOLECULAR WEIGHT: 364.43

CAS NUMBER: 28957-04-2

APPEARANCE: Off-white solid

SOLUBILITY: DMSO

PURITY: ≥97% by HPLC

STORAGE: Store at -20°C

DESCRIPTION: Oridonin, a diterpenoid isolated from *Rabdosia rubescens* displays anti-inflammatory, anti-bacterial, anti-tumor effects and has been used for the treatment of human cancers, especially esophageal carcinoma. Exposure to oridonin induces apoptosis in AE (AML1-ETO)-bearing leukemic cells through the activation of intrinsic apoptotic pathway and triggering a caspase-3-mediated degradation of AE at D188.

REFERENCE: Zhou, G.B., *et al.* (2007). *Blood* **109**, 3441-3450; Zhou, G.B., *et al.* (2007). *Cell Res.* **17**, 274-276.

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

FOR RESEARCH USE ONLY! Not to be used in humans!

RELATED PRODUCTS:

- Betulinic Acid (Cat. No. 1522-25)
- Tamoxifen Citrate (Cat. No. 1551-1000)
- Daunorubicin, HCl (Cat. No. 1524-10)