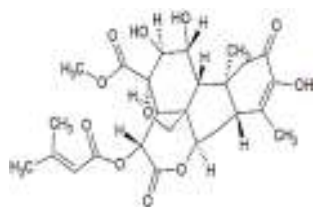


Brusatol

ALTERNATE NAME: (+)-Brusatol
(11 β ,12 α ,15 β)-13,20-Epoxy-3,11,12-trihydroxy-15-[(3-methyl-1-oxo-2-buten-1-yl)oxy]-2,16-dioxo-picras-3-en-21-oic acid methyl ester
NSC 172924
Yatansin

CATALOG #: B2607-5 5 mg
B2607-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₆H₃₂O₁₁

MOLECULAR WEIGHT: 520.53

CAS NUMBER: 14907-98-3

APPEARANCE: Crystalline solid

PURITY: \geq 95% by HPLC

SOLUBILITY: ~5 mg/ml DMSO

DESCRIPTION: Brusatol is a quassinoid isolated from the *Brucea javanica* plant that has recently been shown to inhibit Nrf2 signaling, reduce tumor burden, and ameliorate chemoresistance in both in vitro and in vivo cancer models. Brusatol also inhibits c-Myc expression, and showed that overexpression of c-Myc prevented brusatol-induced degradation of HIF-1 α and cancer cell death by increasing mitochondrial ROS production and subsequent ROS-mediated transition of ferrous iron to ferric iron.

STORAGE TEMPERATURE: -20°C. protect from moisture

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

RELATED PRODUCTS:

Bardoxolone (B1170)
Iberin (B2827)
 β -Glycyrrhetic acid (9586)

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