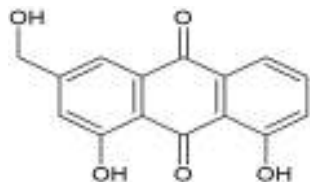


Aloe-emodin

ALTERNATE NAME: 1,8-Dihydroxy 3-hydroxymethylantraquinone, 3-Hydroxymethylchrysazine
1,8-Dihydroxy-3-(hydroxymethyl)anthraquinone
Rhabarberone

CATALOG #: B2771-10 10 mg
B2771-50 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₀O₅

MOLECULAR WEIGHT: 270.24

CAS NUMBER: 481-72-1

APPEARANCE: Yellow to brownish powder

PURITY: ≥95%

SOLUBILITY: ~2 mg/ml DMSO

DESCRIPTION: Aloe-emodin is a hydroxyanthraquinone found naturally in aloe plants. It displays antibacterial, antiviral, anti-inflammatory and hepatoprotective effects. Acts as a laxative/cathartic compound; increases the contraction of intestinal smooth muscle by releasing endogenous acetylcholine. Antitumor activity is associated with an increased production of reactive oxygen species (ROS) that, in turn, reduces the mitochondrial transmembrane electrical potential, thus inducing a permeability transition that sets in motion a series of events culminating in cellular apoptosis.

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:

Emodin (1875)
Isoliquiritigenin (2528)
Skyrin, Talaromyces sp. (2043)
Carnosic Acid (2075)

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