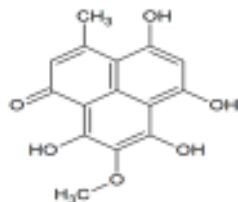


Funalenone

ALTERNATE NAME: 3,4,7,9-Tetrahydroxy-6-methyl-1H-phenalen-1-one

CATALOG #: B3225-1 1 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₂O₆

MOLECULAR WEIGHT: 288.3

CAS NUMBER: 259728-61-5

APPEARANCE: Crystalline solid

PURITY: ≥95%

SOLUBILITY: DMSO

DESCRIPTION: Funalenone, a phenalene compound isolated from mycelium of *Aspergillus niger* FO-5904, acts as an inhibitor of type I collagenase (MMP-1). Funalenone inhibits 50% of type I collagenase activity at a concentration of 170 μM but inhibits 18.3% and 38.7% against 72 kDa and 92 kDa type IV collagenase, respectively, at a concentration of 400 μM.

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:

MMP-III Inhibitor, NNGH (2569)
TAPI-0 (2067)
TAPI-1 (2068)
Batimastat (MMP Inhibitor) (1704)

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