

Product: Ingenol 3-angelate**ALTERNATE NAME:**

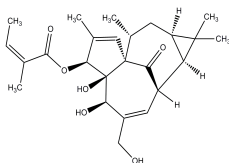
(2Z)-2-Methyl-2-butenic acid
(1aR,2S,5R,5aS,6S,8aS,9R,10aR)-1a,2,5,5a,6,9,10,10a-
octahydro-5,5a-dihydroxy-4-(hydroxymethyl)-1,1,7,9-
tetramethyl-11-oxo-1H-2,8a-
methanocyclopenta[a]cyclopropa[e]cyclodecen-6-yl ester;
PEP 005; Ingenol mebutate

CATALOG #:

2593-1

AMOUNT:

1 mg

STRUCTURE:**MOLECULAR FORMULA:** $C_{25}H_{34}O_6$ **MOLECULAR WEIGHT:**

430.53

CAS No.

75567-37-2

APPEARANCE:

White solid

SOLUBILITY:

DMSO (~ 1 mg/ml) or EtOH

PURITY:

>98% by HPLC

STORAGE:

Store at -20°C. Protect from air and light

DESCRIPTION:

Ingenol 3-angelate is a specific Protein Kinase C (PKC) activator and anti-cancer agent. Displays potent antileukemic activity mediated via the δ isoform of PKC.

REFERENCES:

Hampson, P., *et al.* (2005). *Blood* **106**, 1362-1368; Kedei, N., *et al.* (2004). *Cancer Res.* **64**, 3243-3255.

HANDLING:

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

RELATED PRODUCTS:

A-769662 (Cat. No. 1719-5)

AICAR (1687-50, 250)

AMPK Activator, D-942 (Cat. No. 2341-1, 5)

Anisomycin (Cat. No. 1549-10)

Aurintricarboxylic acid (Cat. No. 1506-1000)

Bryostatin 1 (Cat. No. 2513-50, 250)

Cordycepin (Cat. No. 2078-10, 50)

8-Br-cAMP (Cat. No. 1837-5, 25)

8-Br-cGMP (Cat. No. 1838-5, 25)

Ingenol (Cat. No. 2527-1, 5)

Metformin hydrochloride (Cat. No. 1691-5G)

Phenformin hydrochloride (Cat. No. 1889-100, 1000)

Phorbol-12-myristate-13-acetate (Cat. No. 1544-5)