

09/19

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)

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

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

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

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

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

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

ALTERNATE NAME:

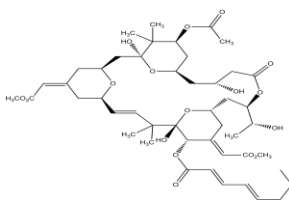
NSC 339555;
(1S,3S,5Z,7R,8E,11S,12S,13E,15S,17R,21R,23R,25S)-25-(Acetyloxy)-1,11,21-trihydroxy-17-[(1R)-1-hydroxyethyl]-5,13-bis(2-methoxy-2-oxoethylidene)-10,10,26,26-tetramethyl-19-oxo-18,27,28,29-tetraoxatetracyclo[21.3.1.13,7.111,15]nonacos-8-en-12-yl 2,4-octadienoic acid ester

CATALOG #:

2513-10

AMOUNT:

10 µg

STRUCTURE:**MOLECULAR FORMULA:**C₄₇H₆₈O₁₇**MOLECULAR WEIGHT:**

905.04

CAS No.

83314-01-6

APPEARANCE:

White lyophilized solid

SOLUBILITY:

DMSO (25 mg/ml) or EtOH (25 mg/ml)

PURITY:

>98%

STORAGE:

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

DESCRIPTION:

A naturally occurring macrocyclic lactone that binds to and activates protein kinase C, but its biological effects differ greatly from those induced by other protein kinase C activators. More potent than phorbol myristate acetate for translocating PKCδ and ε.

REFERENCES:Lorenzo, P.S., *et al.* (1997). *J. Biol. Chem.* **272**, 33338-33343.**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.