Teleocidin A1

Non-phorbol ester PKC activator

Teleocidin A1 is a selective protein kinase C activator representing a new class of non-phorbol ester tumor promotors. Teleocidin A1 mimics the effect of diacylglycerol (DAG), activating PKC, but unlike DAG causes persistent activation. It enhances actin redistribution, vacuole formation and c-fos expression in PLC/PRF/5 hepatoma cells. Occurs in toxic cyanobacterial blooms.

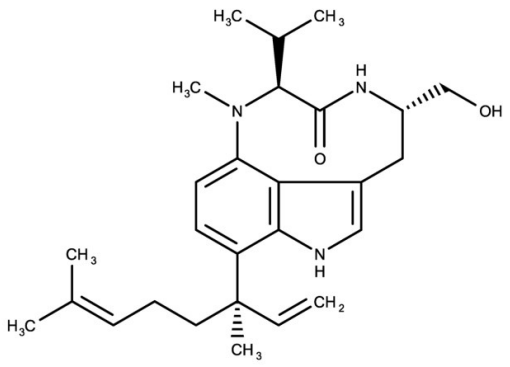
Ordering Information

Order Online »

ENZ-CHM443-0001	1mg

Manuals, SDS & CofA

View Online »


H3C
CH3
H3C
N
H
N
OH
O
N
H
CH3
H3C
CH2
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(10S,13S)-5-[(3R)-3,7-dimethylocta-1,6-dien-3-yl]-13-(hydroxymethyl)-9-methyl-10-propan-2-yl-3,9,12-triazatricyclo[6.6.1.04,15]pentadeca-1,4,6,8(15)-tetraen-11-one
Appearance	White solid/wax.
CAS	70497-14-2
Couple Type	Activator
Formula	$C_{27}H_{39}N_3O_2$
Identity	Determined by NMR.
MW	437.63
Purity	≥95% (HPLC)
Solubility	Soluble in DMSO (15 mg/ml).

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