Bryostatin 1

PKC activator

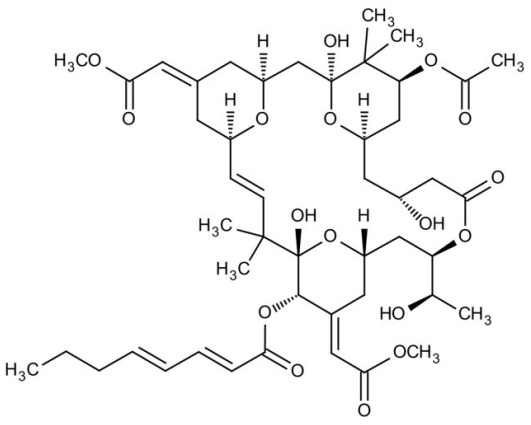
A structurally unique marine natural product that binds to and activates PKC at picomolar concentrations, but is not a carcinogen or a complete tumor promoter. In many systems it induces only a subset of the responses to PMA and blocks those which it does not induce. It is markedly more potent than PMA for translocating PKCδ and -ε.

Citations: 6 View Online »

Ordering Information Order Online »

BML-ST103-0010	10µg

Manuals, SDS & CofA View Online »


CH3
CH3
H3CO
H
OH
O
CH3
O
O
H
O
O
H
O
O
OH
H
OH
O
H3C
O
H3C
HO
CH3
O
H3C
O
OCH3
O

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White solid to colorless film.
CAS	83314-01-6
Couple Target	PKC
Couple Type	Activator
Formula	$C_{47}H_{68}O_{17}$
MW	905.0
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (25mg/ml) or 100% ethanol (25mg/ml).

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