Verruculogen

Cell cycle inhibitor

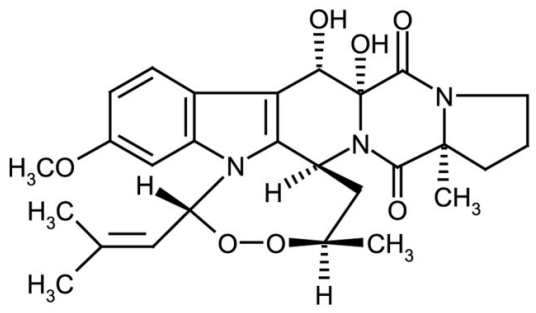
Neurotoxin that acts as an inhibitor of the M phase of the mammalian cell cycle. Inhibits Ca^{2+}-activated K^{+} channels. Decreases GABA levels in CNS.

Citations: 3 View Online »

Ordering Information Order Online »

ALX-380-056-M001	1mg
ALX-380-056-M005	5mg

Manuals, SDS & CofA View Online »


OH
OH
O
N
N
N
O
H
H
CH3
H3CO
H3C
H3C
O—O
CH3
H

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

Appearance	White to off-white powder.
CAS	12771-72-1
Couple Target	Potassium channel
Couple Type	Inhibitor
Formula	$C_{27}H_{33}N_3O_7$
MW	511.6
Purity	≥95% (HPLC, TLC)
RTECS	JH4920000
Solubility	Soluble in ethyl acetate, DMSO, 100% ethanol or methanol.
Source	Isolated from *Penicillium verruculosum*.

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