Phomopsin A

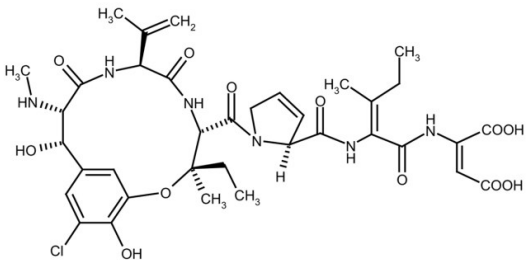
A potent mycotoxin and anti-mitotic compound. Causes lupinosis in livestock fed infected lupins. Binds selectively to dimeric tubulin, inhibiting the formation of the microtubule spindle to block cell division. Binds to tubulin at a site overlapping that of vinblastine (Prod. No. ALX-350-257) and maytansine. Protects tubulin from decay.

Citations: 3 View Online »

Ordering Information Order Online »

ALX-350-417-M001	1mg

Manuals, SDS & CofA View Online »


H3C
CH2
O
H
N
O
H3C
HN
NH
O
HO
N
H
O
N
H
O
H
N
COOH
CH3
H3C
O
CH3
CH3
COOH
Cl
OH

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 solid.
CAS	64925-80-0
Formula	$C_{36}H_{45}ClN_6O_{12}$</su
MW	789.2
Purity	≥95% (HPLC)
RTECS	SY2593000
Solubility	Soluble in 100% ethanol, methanol, dimethylformamide or DMSO; slightly soluble in water.
Source	Isolated from *Phomopsis leptostromiformis* MST-FP2068.

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