Enniatin A

Ionophore antibiotic

Ionophore antibiotic. Potential anticancer compound.

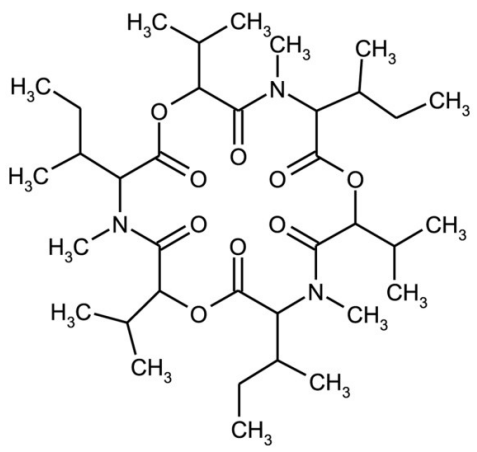
Enniatins are a family of depsipeptides produced by several species of the filamentous fungus *Fusarium*. Enniatins have initially been shown to act as ionophores. Later, their effects on acyl-CoA cholesterol transferase, ABC-transporters and the selectivity of their antitumor action came to the fore.

Citations: 11 View Online »

Ordering Information Order Online »

ALX-380-310-MC05	0.5mg

Manuals, SDS & CofA View Online »


H3C
CH3
CH3
CH3
N
CH3
H3C
O
O
O
O
H3C
O
O
N
CH3
O
O
CH3
CH3
O
N
CH3
H3C
O
CH3
CH3
CH3

Handling & Storage

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

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white crystalline solid.
CAS	2503-13-1
Formula	$C_{36}H_{63}N_3O_9$
Identity	Identity determined by 1H-NMR, 13C-NMR and MS.
MI	**14:** 3585
MW	681.9
Purity	≥97% (HPLC)
Solubility	Soluble in 100% ethanol, methanol, DMSO and dimethyl formamide; almost insoluble in water.
Source	Isolated from *Fusarium* sp.

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