Aclacinomycin A

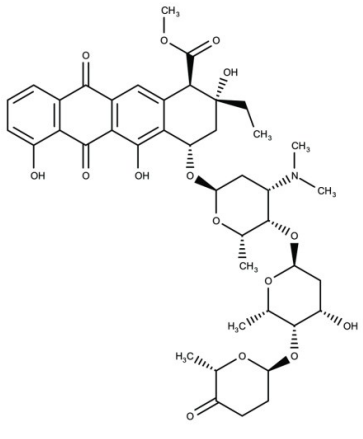
Originally identified as an anti-tumor drug, aclacinomycin A is the first described non-peptidic inhibitor showing discrete specificity for the chymotrypsin-like activity of the 20S proteasome. Aclacinomycin A has no effect on cathepsin B, it stimulates trypsin activity but inhibits the activity of both chymotrypsin and calpain.

Citations: 8 View Online »

Ordering Information Order Online »

BML-AW8655-0005	5mg

Manuals, SDS & CofA View Online »


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

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	Aclarubicin
Appearance	Yellow powder with orange cast.
CAS	57576-44-0
Couple Target	Calpain, Chymotrypsin, Proteasome, Trypsin
Couple Type	Activator, Inhibitor
Formula	$C_{42}H_{53}NO_{15}$
MW	811.9
Purity	≥95% (TLC)
Solubility	Soluble in DMSO (25mg/ml) or dimethyl formamide (25mg/ml).

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.