Tryprostatin A

Cell cycle blocker and BCRP inhibitor

Diketopiperazine. Arrests cell cycle progression at the G2/M phase. Inhibitor of MAP-dependent microtubule assembly. Inhibits the ABC-transporter breast cancer resistance protein (BCRP) and thereby reverses the resistance of cancer cells against antitumor drugs.

Citations: 5 View Online »

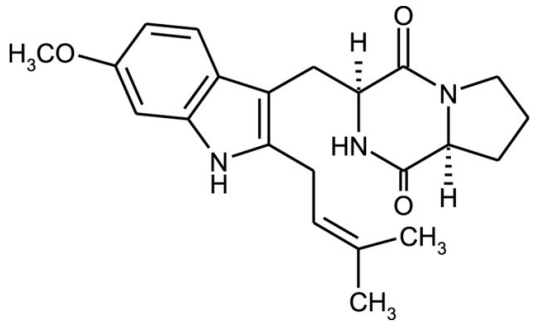
Ordering Information

Order Online »

ALX-380-090-C500	500µg

Manuals, SDS & CofA

View Online »


H3CO
H
O
N
HN
O
H
N
H
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	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White powder.
CAS	171864-80-5
Couple Target	BCRP
Couple Type	Inhibitor
Formula	$C_{22}H_{27}N_3O_3$
MW	381.5
Purity	≥90% (HPLC)
Solubility	Soluble in methanol, 100% ethanol or DMSO.
Source	Isolated from *Aspergillus fumigatus*.

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