UCN-01

PKC and CDK inhibitor

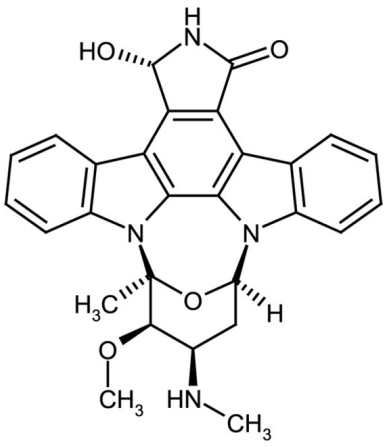
Inhibitor of protein kinase C (PKC) and cyclin-dependent kinases (CDKs) resulting in accumulation of cells in the G1 phase and induction of apoptosis. Enhances the cytotoxicity of other anticancer drugs, such as DNA-damaging agents and anti-metabolite drugs, through putative abrogation of G2 and/or S phase accumulation induced by these agents.

Citations: 8 View Online »

Ordering Information Order Online »

ALX-380-222-MC25	0.25mg

Manuals, SDS & CofA View Online »


H
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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

Alternative Name	7-Hydroxystaurosporine
Appearance	White film.
CAS	112953-11-4
Couple Target	PKC
Couple Type	Inhibitor
Formula	$C_{28}H_{26}N_4O_4$
MW	482.5
Purity	≥99% (HPLC)
RTECS	KC6600010
Solubility	Soluble in methanol, 100% ethanol, dimethyl formamide or DMSO.
Source	Isolated from *Streptomyces* sp. MST-AS5345.
Technical Info / Product Notes	**Note:** Some interconversion of UCN-01 to UCN-02 may occur under acidic HPLC conditions).

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