Purvalanol A

CDK/cyclin inhibitor

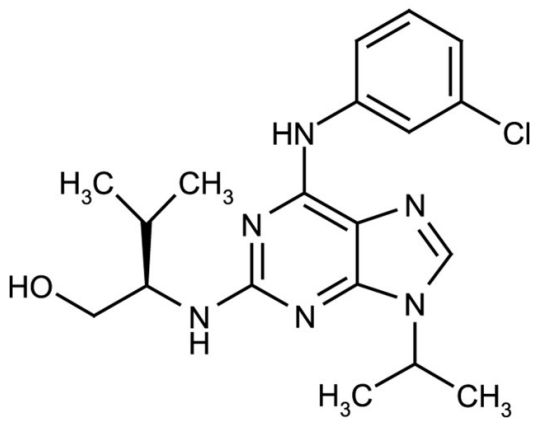
Inhibitor of human CDK1 (IC_{50}=4nM), CDK2/cyclin A (IC_{50}=70nM), Cdc2/cyclin B, CDK2/cyclin E (IC_{50}=35nM), CDK4/cyclin D1 (IC_{50} =850nM) as well as CDK5/p35 (IC50=75nM). More membrane permeable than purvalanol B.

Citations: 5 View Online »

Ordering Information Order Online »

ALX-270-246-M001	1mg
ALX-270-246-M005	5mg

Manuals, SDS & CofA View Online »


HN
Cl
H3C
CH3
N
N
HO
N
H
N
N
H3C
CH3

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Keep under inert gas. Keep cool and dry.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	6-[(3-Chloro)anilino]-2(1R)-(isopropyl-2-hydroxyethylamino)-9-isopropylpurine
Appearance	Off-white to yellow powder.
CAS	212844-53-6
Couple Target	CDK, Cyclin
Couple Type	Inhibitor
Formula	$C_{19}H_{25}N_6OCl$
MW	388.9
Purity	≥99% (NMR)
Solubility	Soluble in DMSO, methanol or dichloromethane.

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.