Aminopurvalanol A

CDK/cyclin inhibitor

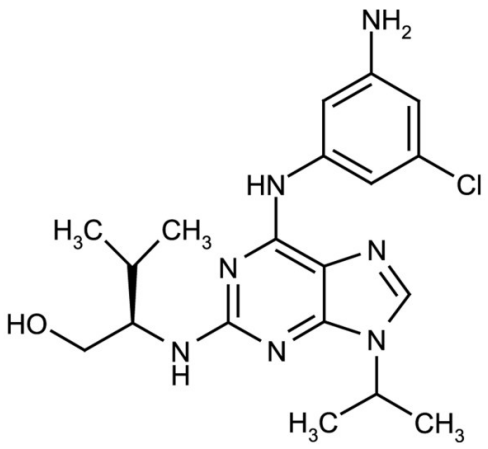
Cell permeable, reversible and competitive inhibitor of CDK1/cyclin B (IC_{50} =33nM), CDK2/cyclin A (IC_{50}=33nM), CDK2/cyclin E (IC_{50}=28nM) and CDK5/p35 (IC_{50}=20nM).

Citations: 3 View Online »

Ordering Information Order Online »

ALX-270-249-M001	1mg

Manuals, SDS & CofA View Online »


NH2
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	Protect from light. Packaged under inert gas.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	(2R)-2-((6-((3-Amino-5-chlorophenyl)amino)-9-(1-methylethyl)-9H-purin-2-yl)amino)-3-methyl-1-butanol, NG-97
Appearance	White to brownish solid.
CAS	220792-57-4
Couple Target	CDK, Cyclin
Couple Type	Inhibitor
Formula	$C_{19}H_{26}N_7OCl$
Identity	Determined by NMR.
MW	403.9
Purity	≥97% (HPLC)
Solubility	Soluble in DMSO or methanol.

Last modified: May 29, 2024

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