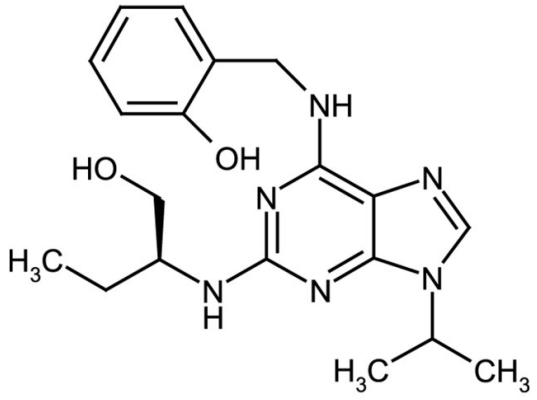
Olomoucine II

CDK/cyclin inhibitor

Selective inhibitor of CDK1/cyclin B (IC_{50}=20nM). Potent cytotoxin in tumor cells: IC_{50}=5.3μM against MCF7 cells, IC_{50}=11.1μM against K562 cells, IC_{50}=3.0μM against CEM cells, IC_{50}=6.3μM against HOS cells, and IC_{50}=6.3μM against G361 cells.

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Manuals, SDS & CofA View Online »


NH
OH
HO
N
N
N
N
H3C
N
H
H3C
CH3

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	6-(2-Hydroxybenzylamino)-2(R)-[[1-hydroxymethyl)propyl]amino]-9-isopropylpurine
Appearance	White to off-white crystalline solid.
CAS	500735-47-7
Couple Target	CDK, Cyclin
Couple Type	Inhibitor
Formula	$C_{19}H_{26}N_6O_2$
MW	370.5
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO, dimethyl formamide or 100% ethanol.

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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

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