6BIO

Inibitor of phosphoinositide-dependent kinase 1 and GSK

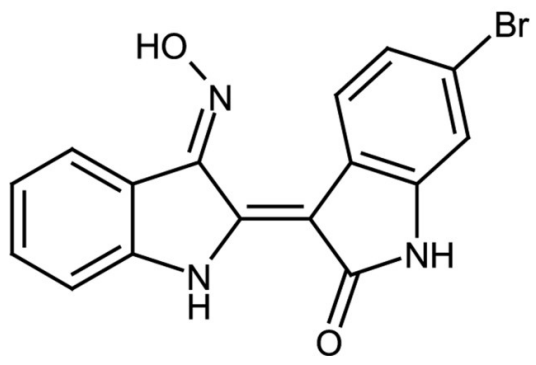
Inhibitor of phosphoinositide-dependent kinase 1 (PDK1). Potent, reversible and ATP-competitive inhibitor of glycogen synthase kinase-3α/β (GSK-3α/β) (IC_{50}=5nM). Maintains self-renewal and pluripotency in embryonic stem cells via activation of Wnt in vitro. Promotes proliferation and dedifferentiation in cardiomyocytes.

Citations: 16 View Online »

Ordering Information Order Online »

ALX-430-156-M005	5mg

Manuals, SDS & CofA View Online »

HO N Br NH N H O	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Dark red solid.
CAS	667463-62-9
Couple Target	GSK, Phosphoinositide-dependent protein kinase
Couple Type	Inhibitor
Formula	$C_{16}H_{10}BrN_3O_2$
MW	356.2
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO.

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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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