1-Azakenpaullone

GSK-3β inhibitor

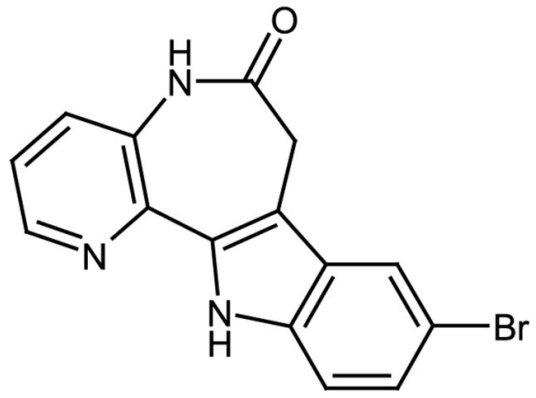
Analog of kenpaullone (Prod. No. BML-EI310) acting as a potent and ATP-competitive inhibitor of GSK-3β (IC_{50}=18nM). Displays ~100-200 fold greater selectivity on GSK-3β than over CDK1/cyclin B and CDK5/p25 (IC_{50}=2.0μM and 4.2μM, respectively).

Citations: 4 View Online »

Ordering Information Order Online »

ALX-270-430-M001	1mg

Manuals, SDS & CofA View Online »

O H N N N H Br	

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 6 months when stored at -20°C.
Handling	Protect from moisture. Protect from light.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	9-Bromo-7,12-dihydropyrido[3′,2′:2,3]azepino[4,5-b]indol-6(5H)-one, 1-AKP
Appearance	Off-white to brown powder.
CAS	676596-65-9
Couple Target	GSK
Couple Type	Inhibitor
Formula	$C_{15}H_{10}BrN_3O$
MW	328.2
Purity	≥95% (HPLC, TLC)
Solubility	Soluble in DMSO; insoluble in water.

Last modified: May 29, 2024

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