Indirubin-3′-monoxime

Inhibitor of CDK and GSK

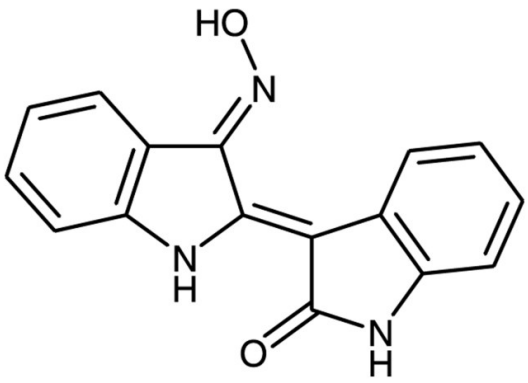
A potent inhibitor of glycogen synthase kinase-3β (IC_{50}=22 nM). Also inhibits CDK1 ($p34^{cdc2}$; IC_{50}=180 nM) and CDK5 (IC_{50}=100 nM). It reversibly arrests asynchronous HBL-100 cells at G2. Induces apoptosis in the mammary carcinoma cell line MCF-7 (10 μM).

Citations: 6 View Online »

Ordering Information Order Online »

BML-CC207-0005	5mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored, as supplied, at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Dark red solid.
CAS	160807-49-8
Couple Target	CDK, GSK
Couple Type	Inhibitor
Formula	$C_{16}H_{11}N_3O_2$
MW	277.3
Purity	≥98%
Solubility	Soluble in DMSO (6mg/ml) and ethanol (4mg/ml).

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