

SEL120-34A

Catalog No: tcsc0040310



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

1609522-33-9

Formula:

$C_{15}H_{18}Br_2N_4$

Pathway:

Cell Cycle/DNA Damage

Target:

CDK

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

414.14

Product Description

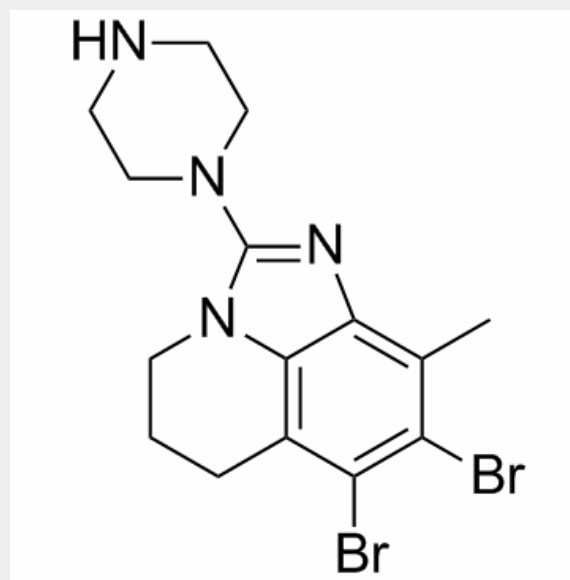
SEL120-34A is a potent, selective, orally available, ATP-competitive **CDK8** inhibitor, with **IC₅₀**s of 4.4 nM and 10.4 nM for CDK8/CycC

and CDK19/CycC, respectively, with antitumor activity.

IC50 & Target: IC50: 4.4 nM (CDK8/CycC), 10.4 nM (CDK19/CycC)^[1]

In Vitro: SEL120-34A is a selective, ATP-competitive CDK8 inhibitor, with IC₅₀ of 4.4 nM and 10.4 nM for CDK8/CycC and CDK19/CycC, respectively. SEL120-34A shows no obvious inhibition on CDK1, 2, 4, 6, 5, 7, and only weakly suppresses CDK9 (IC₅₀, 1070 nM). SEL120-34A is active against a panel of AML cell lines (GI₅₀)^[1].

In Vivo: SEL120-34A (30, 60 mg/kg, p.o.) inhibits the growth of tumor in mice bearing MV4-11 cancer cells, and also arrests the growth of KG-1-derived tumors at 30 mg/kg via oral administration^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!