Purmorphamine

Smoothened activator

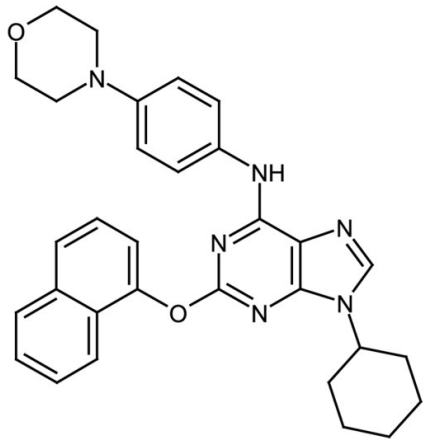
Cell permeable purine compound. Induces osteoblast differentiation. Agonist of smoothened by activation of the Hedgehog (Hh) pathway. Also shown to induce transdifferentiation in pre-adipocytes and myoblasts. Binds to and activates 7-transmembrane receptor of Hh.

Citations: 14 View Online »

Ordering Information Order Online »

ALX-420-045-M001	1mg
ALX-420-045-M005	5mg
ALX-420-045-M025	25mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months when stored at -20°C.
Handling	Protect from light. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	2-(1-Naphthoxy)-6-(4-morpholinoanilino)-9-cyclohexylpurine
Appearance	Off-white to beige solid.
CAS	483367-10-8
Couple Target	Smoothened
Couple Type	Activator
Formula	$C_{31}H_{32}N_6O_2$
MW	520.6
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO (10mM).

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