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DATASHEET

SAG Analog (LowTox)

Product overview

Name	SAG Analog (LowTox)
Cat No	HB4071
Purity	>98%
Description	Low toxicity Sonic hedgehog agonist. Also smoothened (Smo) agonist.

Biological Data

Biological description	Cell permeable low toxicity Sonic hedgehog (Shh) agonist. Cell permeable smoothened (Smo) agonist. Potent activator of VEGF expression in vitro.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	3,4-Dichloro-N-(trans-4-(methylamino)cyclohexyl)-N-(3-pyridin-4-ylbenzyl)benzo[b]thiophene-2-carboxamide
Molecular Weight	524.5
Chemical structure	The chemical structure shows a central benzo[b]thiophene ring system with two chlorine atoms at the 3 and 4 positions. At the 2-position, there is a carboxamide group (-C(=O)NH-). This nitrogen is bonded to a trans-4-(methylamino)cyclohexyl group and a 3-(4-pyridinyl)benzyl group. The methylamino group is shown as H3C-NH- with a wedge bond to the cyclohexane ring, and the pyridine ring is attached to the benzyl group.
CAS Number	1401532-78-2
InChiKey	OBYJCKCGYTYXFN-HZCBDIJEBZ
Appearance	White to light yellow solid