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DATASHEET

SAG Analog (highly active)

Product overview

Name	SAG Analog (highly active)
Cat No	HB4070
Purity	>98%
Description	Highly active Sonic hedgehog agonist. Also smoothened (Smo) agonist.

Biological Data

Biological description	Cell permeable highly active Sonic hedgehog (Shh) agonist. Cell permeable smoothened (Smo) agonist.
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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-(cis-4-(methylamino)cyclohexyl)-N-(3-pyridin-4-ylbenzyl)benzo[b]thiophene-2-carboxamide
Molecular Weight	524.5
Chemical structure	The chemical structure shows a benzo[b]thiophene core with two chlorine atoms at the 3 and 4 positions. At the 2-position, there is a carboxamide group. The nitrogen of the carboxamide is attached to a cyclohexyl ring in a cis configuration with a methylamino group (H3C-NH-). The other nitrogen of the carboxamide is attached to a benzyl group, which is further substituted with a 3-pyridin-4-yl group.
CAS Number	1401532-77-1
InChiKey	OBYJCKCGYTYXFN-SZPZYBQBV
Appearance	White to light yellow solid
