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## DATASHEET

### SAG Analog (highly active)

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#### Product overview

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

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#### Biological Data

<b>Biological description</b>	Cell permeable highly active Sonic hedgehog (Shh) agonist. Cell permeable smoothened (Smo) agonist.
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#### Solubility & Handling

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

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#### Chemical Data

<b>Chemical name</b>	3,4-Dichloro-N-(cis-4-(methylamino)cyclohexyl)-N-(3-pyridin-4-ylbenzyl)benzo[b]thiophene-2-carboxamide
<b>Molecular Weight</b>	524.5
<b>Chemical structure</b>	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 cyclohexane ring with a methylamino group (-NHCH3) at the 4-position. The cyclohexane ring is also bonded to a benzyl group, which is further substituted with a 3-pyridin-4-yl group.
<b>CAS Number</b>	1401532-77-1
<b>InChiKey</b>	OBYJCKCGYTYXFN-SZPZYBQBV
<b>Appearance</b>	White to light yellow solid

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