

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customer-care-usa@m2stage.hellobio.com



## DATASHEET

SAG Analog (LowTox)

### Product overview

<b>Name</b>	SAG Analog (LowTox)
<b>Cat No</b>	HB4071
<b>Biological action</b>	Agonist
<b>Purity</b>	>98%
<b>Description</b>	Low toxicity Sonic hedgehog agonist. Also smoothened (Smo) agonist.

### Biological Data

<b>Biological description</b>	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

<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.

### Chemical Data

<b>Chemical name</b>	3,4-Dichloro-N-(trans-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 benzo[b]thiophene core 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-pyridin-2-yl)benzyl group. The methylamino group is shown as H3C-NH.
<b>CAS Number</b>	1401532-78-2
<b>InChiKey</b>	OBYJCKCGYTYXFN-HZCBDIJEBZ
<b>Appearance</b>	White to light yellow solid