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## DATASHEET

IHR-NAc

### Product overview

<b>Name</b>	IHR-NAc
<b>Cat No</b>	HB4639
<b>Purity</b>	>98%
<b>Description</b>	Sonic hedgehog (Shh) signaling pathway inhibitor

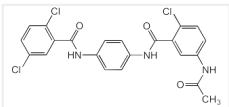
### Biological Data

<b>Biological description</b>	Sonic hedgehog (Shh) signaling pathway inhibitor. Potential anticancer compound. Cell membrane permeable Smoothed (Smo) antagonist. Acts on extra- and intracellular exposed Smo. Binds to the seven-transmembrane (7TM) pocket. Blocks hedgehog-induced movement of Smo into the primary cilium, disengages Smo-dependent abrogation of Gli2 and Gli3 proteolytic processing and inhibits Gli activity induced by loss of PTCH1.
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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>	5-Acetamido-2-chloro-N-[4-(2,5-dichlorobenzamido)phenyl]benzamide
<b>Molecular Weight</b>	476.7
<b>Chemical structure</b>	
<b>InChiKey</b>	KEKPTYABAFCFOT-UHFFFAOYSA-N
<b>Appearance</b>	White to grey solid