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DATASHEET

IHR-NAc

Product overview

Name IHR-NAc Cat No HB4639 **Purity** >98%

Description Sonic hedgehog (Shh) signaling pathway inhibitor

Biological Data

Biological description

Sonic hedgehog (Shh) signaling pathway inhibitor. Potential anticancer compound. Cell membrane permeable Smoothened (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.

Solubility & Handling

Storage instructions Storage of solutions

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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 Molecular Weight Chemical structure 5-Acetamido-2-chloro-N-[4-(2,5-dichlorobenzamido)phenyl]benzamide

InChiKey Appearance KEKPTYABAFCFOT-UHFFFAOYSA-N

White to grey solid