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DATASHEET

GANT61

Product overview

Name GANT61
Cat No HB3394
Biological action Antagonist
Purity >98%

Description GLI antagonist. Also Hedgehog (Hh) signaling inhibitor.

Biological Data

Biological description Cell permeable GLI antagonist. Inhibits Gli1 and Gli2-induced transcription. Additionally inhibits

hedgehog (Hh) signaling pathway, downstream of SMO and SUFU. Displays antiproliferative, antitumor and apoptosis inducing activity. Also inhibits pluripotency maintaining factors c-Myc, Nanog,

Oct4, Sox-2 in pancreatic cancer stem cells.

Solubility & Handling

Storage instructions +4°C

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

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 2,2'-((Dihydro-2-(4-pyridinyl)-1,3(2H,4H)-pyrimidinediyl)bis(methylene))bis(N,N-

dimethyl)-benzenamine

Molecular Weight 429.6

Chemical structure

H₃C_N,CH₃ H₃C_N,CH₃

 $\textbf{SMILES} \hspace{1.5cm} \textbf{CN(C1=CC=CC=C1CN2CCCN(CC4=C(N(C)C)C=CC=C4)C2C3=CC=NC=C3)C} \\$

InChiKey KVQOGDQTWWCZFX-UHFFFAOYSA-N

Appearance White to off-white solid