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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.

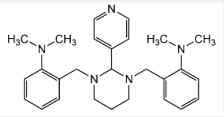
Biological Data

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.
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Solubility & Handling

Storage instructions	+4 °C
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	
Molecular Formula	C ₂₇ H ₃₅ N ₅
CAS Number	500579-04-4
PubChem identifier	421610
SMILES	CN(C1=CC=CC=C1CN2CCCN(CC4=C(N(C)C)C=CC=C4)C2C3=CC=NC=C3)C
InChiKey	KVQOGDQTTWWCZFX-UHFFFAOYSA-N
Appearance	White to off-white solid