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DATASHEET

IWP 4

Product overview

Name	IWP 4
Cat No	HB3066
Biological action	Inhibitor
Purity	>98%
Description	Potent Wnt/ β -catenin signaling inhibitor. Induces cardiomyocyte differentiation of hESCs and iPSCs.

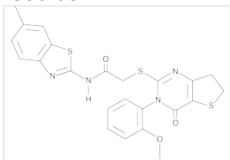
Biological Data

Biological description	IWP4 is a potent Wnt/ β -catenin signaling inhibitor. It is used in stem cell research to induce cardiomyocyte differentiation of hESCs and iPSCs. It may also be used in the production of cardiac organoids.
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Solubility & Handling

Storage instructions	-20 °C
Solubility overview	Soluble in water (10mM)
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	<i>N</i> -[2-[[[3-(4-Chlorophenyl)-2-propenyl]methylamino]methyl]phenyl]- <i>N</i> -(2-hydroxyethyl)-4-methoxybenzenesulphonamide phosphate
Molecular Weight	599.03
Chemical structure	
Molecular Formula	C ₂₆ H ₂₉ ClN ₂ O ₄ S.H ₃ PO ₄
CAS Number	1188890-41-6
PubChem identifier	2155264
SMILES	O=C1C3=C(CCS3)N=C(SCC(NC4=NC(C=CC(C)=C5)=C5S4)=O)N1C2=C(OC)C=CC=C2
InChiKey	RHUJMHQIQBDFQR-UHFFFAOYSA-N