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DATASHEET

FH 535

Product overview

Name	FH 535
Cat No	HB0288
Biological action	Inhibitor
Purity	>99%
Description	Wnt/β-catenin inhibitor and PPARγ/δ antagonist.

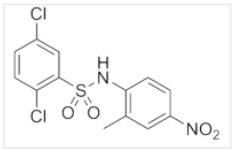
Biological Data

Biological description	Wnt/β-catenin inhibitor and PPARγ/δ antagonist. Reduces NO production. Shows antiproliferative and anti-cancer actions.

Solubility & Handling

Storage instructions	+4°C
Solubility overview	Soluble in DMSO (75mM)
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	2,5-Dichloro-*N*-(2-methyl-4-nitrophenyl)benzenesulfonamide
Molecular Weight	361.2
Chemical structure	
Molecular Formula	$C_{13}H_{10}Cl_2N_2O_4S$
CAS Number	108409-83-2
PubChem identifier	3463933
SMILES	ClC1=CC(S(NC2=C(C)C=C([N+]([O-])=O)C=C2)(=O)=O)=C(Cl)C=C1
InChiKey	AXNUEXXEQGQWPA-UHFFFAOYSA-N

References

A small-molecule inhibitor of Tcf/beta-catenin signaling down-regulates PPARgamma and PPARdelta activities.

Handeli S *et al* (2008) Mol Cancer Ther 7(3)
PubMedID 18347139

Targeting the Wnt/β-catenin signaling pathway in liver cancer stem cells and hepatocellular carcinoma cell lines with FH535.

Gedaly R *et al* (2014) PLoS One 9(6)
PubMedID 24940873

FH535 inhibits the proliferation of HepG2 cells via downregulation of the Wnt/β-catenin signaling pathway.

Liu J *et al* (2014) Mol Med Rep 9(4)

PubMedID 24482011