

Product Information

β-Catenin inhibitor FH535, Purity ≥98%

Cat. No.: X24-07-ZQ208

Size: 25 mg; 50 mg; 100 mg

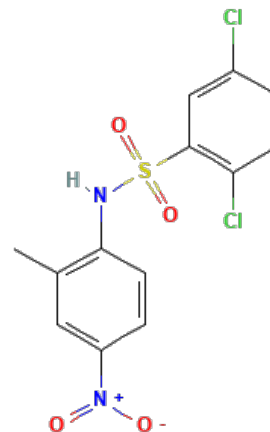
MDL: MFCD01212888

CAS Number: 108409-83-2

Compound CID: 3463933

Synonym: 108409-83-2; β-Catenin inhibitor; FH-535; FH 535

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	FH535, soluble in warmed DMSO and insoluble in water and ethanol, disrupts the Wnt/β-catenin signaling pathway, a critical pathway in regulating cell fate, proliferation, and stem cell renewal, providing significant therapeutic prospects in cancer and fibrotic diseases by curbing abnormal cell growth and differentiation. It targets PPARδ, PPARγ, and Wnt/β-catenin.
Molecular Weight	361.2
Molecular Formula	C ₁₃ H ₁₀ Cl ₂ N ₂ O ₄ S
Targets	PPARδ; PPARγ; Wnt/β-catenin
IUPAC Name	2,5-Dichloro-N-(2-methyl-4-nitrophenyl)benzenesulfonamide
InChI	InChI=1S/C13H10Cl2N2O4S/c1-8-6-10(17(18)19)3-5-12(8)16-22(20,21)13-7-9(14)2-4-11(13)15/h2-7,16H,1H3
InChI Key	AXNUEXXEQGWPA-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=CC(=C1)[N+](=O)[O-])NS(=O)(=O)C2=C(C=CC(=C2)Cl)Cl
Form	Lyophilized powder
Purity	≥98%
Solubility	Warmed DMSO: 61 mg/mL (168.88 mM); Water: Insoluble; Ethanol: Insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	FH535 is a β-Catenin inhibitor used to investigate the regulation of the Wnt/β-catenin signaling pathway in cancer.



Storage

Store at -20°C, and keep desiccated.
