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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 PPAR γ/δ antagonist. |

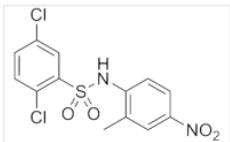
Biological Data

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

Solubility & Handling

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|-----------------------------|---|
| 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- <i>N</i> -(2-methyl-4-nitrophenyl)benzenesulfonamide |
| Molecular Weight | 361.2 |
| Chemical structure |  |
| Molecular Formula | C ₁₃ H ₁₀ Cl ₂ N ₂ O ₄ S |
| CAS Number | 108409-83-2 |
| PubChem identifier | 3463933 |
| SMILES | <chem>C1=CC(S(=O)(=O)NC2=C(C)C=C([N+](=O)[O-])C=C2)C=C1</chem> |
| InChiKey | AXNUEXXEQGWPA-UHFFFAOYSA-N |

References

A small-molecule inhibitor of Tcf/ β -catenin signaling down-regulates PPAR γ and PPAR δ 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
