

## FH-535, Wnt/ $\beta$ -catenin inhibitor

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Catalog	Unit
TBI1328-10MG	10 mg
TBI1328-50MG	50 mg

### Product Details

**Formal Name:** 2,5-Dichloro-N-(2-methyl-4-nitrophenyl)benzenesulfonamide

**Molecular Formula:** C<sub>13</sub>H<sub>10</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>4</sub>S

**Formula Weight:** 361.21

**CAS Number:** 108409-83-2

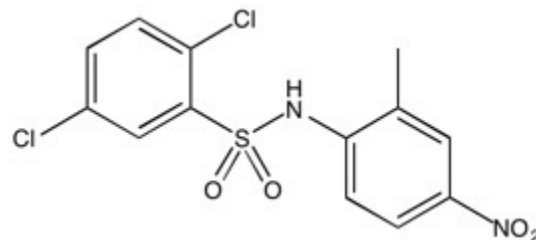
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 25 mg/ml).

**Storage:** -20°C

**Stability:**  $\geq$  2 years.



### Applications

Wnt/ $\beta$ -catenin inhibitor

### Functions

Suppresses Wnt/ $\beta$ -catenin signaling. It antagonizes PPAR $\gamma$  and PPAR $\delta$  ligand-dependent activation which is mediated by inhibition of recruitment of the coactivators  $\beta$ -catenin and GRIP1 but not the corepressors NCoR and SMRT1. Inhibits the migration and growth of breast cancer cell lines as well as colon, lung and liver cell lines. Useful tool for probing the involvement of Wnt signaling pathway.

### Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 2 months.

**For research use only.**