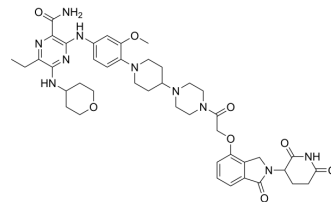


LWY713

| | |
|--------------------|---|
| Cat. No.: | HY-157213 |
| Molecular Formula: | C ₄₃ H ₅₄ N ₁₀ O ₈ |
| Molecular Weight: | 838.95 |
| Target: | FLT3; Apoptosis |
| Pathway: | Protein Tyrosine Kinase/RTK; Apoptosis |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | LWY713 is a FLT3 degrader (DC ₅₀ =0.64 nM) that selectively induces FLT3 degradation in a cereblon- and proteasome-dependent manner. LWY713 inhibits cell proliferation and induces G0/G1 arrest and apoptosis in MV4-11 cells. LWY713 exhibits potent in vivo antitumor activity in an MV4-11 xenograft model ^[1] . |
| IC ₅₀ & Target | DC50: 0.64 nM (FLT3) ^[1] |

REFERENCES

[1]. Liu W et al. Discovery of LWY713 as a potent and selective FLT3 PROTAC degrader with in vivo activity against acute myeloid leukemia. *Eur J Med Chem.* 2023 Nov 19;264:115974.

Caution: Product has not been fully validated for medical applications. For research use only.

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