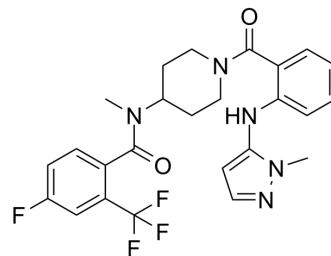


SMO-IN-2

| | |
|--------------------|---|
| Cat. No.: | HY-150564 |
| CAS No.: | 1822355-27-0 |
| Molecular Formula: | C ₂₅ H ₂₅ F ₄ N ₅ O ₂ |
| Molecular Weight: | 503.49 |
| Target: | Smo; Hedgehog |
| Pathway: | Stem Cell/Wnt |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|---|
| Description | SMO-IN-2 (compound 1) is a potent smoothened (SMO) inhibitor with an IC ₅₀ value of 123.4 nM for hedgehog (Hh) signaling pathway. SMO-IN-2 has antiproliferative activity against human medulloblastoma cell line Daoy. Anticancer activity ^[1] . |
| IC₅₀ & Target | IC ₅₀ : 123.4 nM (Hh) ^[1] |
| In Vitro | SMO-IN-2 (compound 1) has antiproliferative activity against human medulloblastoma cell line Daoy with an IC ₅₀ of 0.51 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Ji D, et al. Design, synthesis and biological evaluation of anthranilamide derivatives as potent SMO inhibitors. *Bioorg Med Chem*. 2020 Mar 15;28(6):115354.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA