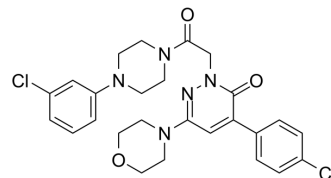


Sirt2-IN-5

| | |
|--------------------|---|
| Cat. No.: | HY-115979 |
| CAS No.: | 902456-47-7 |
| Molecular Formula: | C ₂₆ H ₂₇ Cl ₂ N ₅ O ₃ |
| Molecular Weight: | 528.43 |
| Target: | Sirtuin |
| Pathway: | Cell Cycle/DNA Damage; Epigenetics |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | Sirt2-IN-5 is a potent SIRT2 inhibitor ^[1] . |
| IC ₅₀ & Target | SIRT2 |
| In Vitro | Sirt2-IN-5 shows 47.95% SIRT2 inhibition at 100 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Sukuroglu, M.K., et al. The potential of 4-aryl-6-morpholino-3(2H)-pyridazinone-2-arylpiperazinylacetamide as a new scaffold for SIRT2 inhibition: in silico approach guided by pharmacophore mapping and molecular docking. *Med Chem Res* 30, 1915–1924 (2021).

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

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