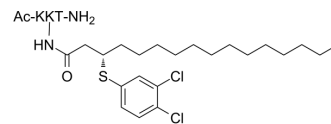


Sirt2-IN-7

| | |
|--------------------|---|
| Cat. No.: | HY-151185 |
| Molecular Formula: | C ₂₂ H ₃₈ Cl ₂ K ₃ N ₃ OS |
| Molecular Weight: | 831.98 |
| 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-7 (compound 22) is a selective inhibitor of SIRT2. Sirt2-IN-7 inhibits SIRT2 with an IC ₅₀ value and a K _i value of 178.2 nM and 154.3 nM, respectively. Sirt2-IN-7 can be used for the research of cancer ^[1] . |
| IC ₅₀ & Target | IC50: 178.2 nM (SIRT2) ^[1] |

REFERENCES

[1]. Kalbas D, et al. Small Changes Make the Difference for SIRT2: Two Different Binding Modes for 3-Arylmercapto-Acylated Lysine Derivatives. *Biochemistry*. 2022 Aug 16. doi: 10.1021/acs.biochem.2c00211. Epub ahead of print. PMID: 35972884.

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

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