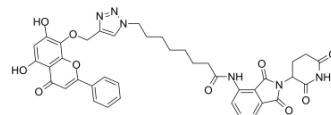


PROTAC CDK9 degrader-2

| | |
|--------------------|---|
| Cat. No.: | HY-112811 |
| CAS No.: | 2435721-30-3 |
| Molecular Formula: | C ₃₉ H ₃₆ N ₆ O ₁₀ |
| Molecular Weight: | 748.74 |
| Target: | PROTAC; CDK |
| Pathway: | PROTAC; Cell Cycle/DNA Damage |
| Storage: | Please store the product under the recommended conditions in the COA. |



BIOLOGICAL ACTIVITY

| | |
|-------------|---|
| Description | PROTAC CDK9 degrader-2 (compounds 11c) is a potent and selective CDK9 degrader based on PROTAC, with an IC ₅₀ of 17 μM in MCF-7 cell lines. Natural product Wogonin binds ubiquitin E3 ligase cereblon (CRBN) via a linker to form PROTAC ^[1] . |
|-------------|---|

| | |
|---------------------------|--|
| IC ₅₀ & Target | CDK9 17 μM (IC ₅₀ , MCF-7 cells) |
|---------------------------|--|

REFERENCES

[1]. Bian J, et al. Discovery of Wogonin-based PROTACs against CDK9 and capable of achieving antitumor activity. *Bioorg Chem.* 2018 Dec;81:373-381.

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

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