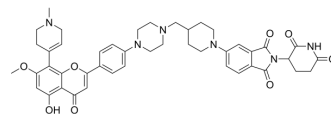


## CP-07

Cat. No.:	HY-149495
Molecular Formula:	C <sub>45</sub> H <sub>48</sub> N <sub>6</sub> O <sub>8</sub>
Molecular Weight:	800.9
Target:	PROTACS; CDK
Pathway:	PROTAC; Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	CP-07 is a potent and selective PROTACCDK9 degrader (DC <sub>50</sub> : 43 nM). CP-07 inhibits 22RV1 cell proliferation (IC <sub>50</sub> : 62 nM) and colony formation by down-regulating Mcl-1 and c-Myc. CP-07 inhibits 22RV1 xenograft tumor growth. CP-07 can be used for research of prostate cancer <sup>[1]</sup> .
IC <sub>50</sub> & Target	43 nM (CDK9) <sup>[1]</sup>

## REFERENCES

[1]. Wu T, et al. Discovery of novel flavonoid-based CDK9 degraders for prostate cancer treatment via a PROTAC strategy. Eur J Med Chem. 2023 Nov 15;260:115774.

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

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