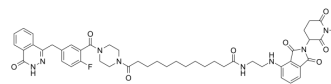


## SK-575-NEG

Cat. No.:	HY-147101
CAS No.:	2523017-04-9
Molecular Formula:	C <sub>48</sub> H <sub>55</sub> FN <sub>8</sub> O <sub>8</sub>
Molecular Weight:	891
Target:	PARP
Pathway:	Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	SK-575-NEG (compound 28), a methylation counterpart of SK-575, is synthesized by methylation of the amino group of piperidine-2,6-dione in SK-575 as a control compound. SK-575-NEG is strongly bound to PARP1, with an IC <sub>50</sub> of 2.64 nM. SK-575-NEG was completely ineffective in inducing PARP1 degradation in MDA-MB-436 and Capan-1 cells at concentrations up to 1 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	PARP-1 2.64 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Cao C, et al. Discovery of SK-575 as a Highly Potent and Efficacious Proteolysis-Targeting Chimera Degradar of PARP1 for Treating Cancers. J Med Chem. 2020 Oct 8;63(19):11012-11033.

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

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