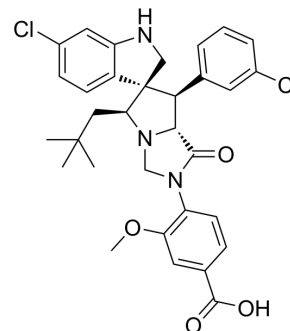


## MDM2-IN-27

Cat. No.:	HY-162432
Molecular Formula:	C <sub>32</sub> H <sub>33</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>4</sub>
Molecular Weight:	594.53
Target:	MDM-2/p53
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

MDM2-IN-27 targets MDM2 protein ( $K_i = 0.4$  nM). MDM2-IN-27 activates the anti-tumor activity of p53 and induces apoptosis by blocking the negative regulation of p53 by MDM2<sup>[1]</sup>.

### REFERENCES

[1]. Lin Z, et al. Synthesis and biological evaluation of 4-imidazolidinone-containing compounds as potent inhibitors of the MDM2/p53 interaction. *Eur J Med Chem.* 2024 Apr 15;270:116366.

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

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