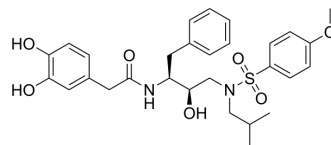


## HIV-1 protease-IN-13

Cat. No.:	HY-161270
Molecular Formula:	C <sub>29</sub> H <sub>36</sub> N <sub>2</sub> O <sub>7</sub> S
Molecular Weight:	556.67
Target:	HIV Protease
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	HIV-1 protease-IN-13 (compound 18d) is a potent HIV-1 protease inhibitor with an IC <sub>50</sub> value of 0.54 nM. HIV-1 protease-IN-13 also shows potent activity against HIV-1DRVRS (DRV-resistant mutation) and HIV-1NL4_3 variant (wild type) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 0.54 nM (HIV-1 protease) <sup>[1]</sup>

### REFERENCES

[1]. Sihan Meng, et al. Rational design, synthesis and biological evaluation of novel HIV-1 protease inhibitors containing 2-phenylacetamide derivatives as P2 ligands with potent activity against DRV-Resistant HIV-1 variants. *Bioorg Med Chem Lett*. 2024 Feb 9:101:129651.

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

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