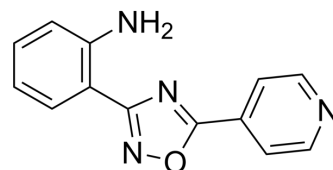


## PLpro/RBD-IN-1

Cat. No.:	HY-149256
CAS No.:	1282451-83-5
Molecular Formula:	C <sub>13</sub> H <sub>10</sub> N <sub>4</sub> O
Molecular Weight:	238.24
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	PLpro/RBD-IN-1 (compound 5) is a dual SARS-CoV-2 PLpro and spike protein RBD inhibitor with IC <sub>50</sub> s of 7.197 μM and 8.673 μM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 7.197 μM (SARS-CoV-2 PLpro) and 8.673 μM (spike protein RBD) <sup>[1]</sup>

### REFERENCES

[1]. Mohammed Salah Ayoup, et al. Repurposing 1,2,4-oxadiazoles as SARS-CoV-2 PLpro inhibitors and investigation of their possible viral entry blockade potential. Eur J Med Chem. 2023 Apr 5;252:115272.

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

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