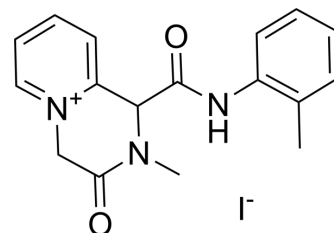


## M56-S2 iodide

Cat. No.:	HY-155416
CAS No.:	1101867-17-7
Molecular Formula:	C <sub>17</sub> H <sub>18</sub> IN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	423.25
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	M56-S2 iodide is a SARS-CoV-2 M <sup>Pro</sup> inhibitor (IC <sub>50</sub> =4.0 μM). M56-S2 iodide showed good oral bioavailability and low toxicity in ADMET prediction. M56-S2 iodide has good drug potential and can be used in antiviral (such as SARS-CoV-2) research <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 4.0 μM (SARS-CoV-2 M <sup>Pro</sup> ) <sup>[1]</sup> .

### REFERENCES

[1]. Xiaodong Dou, et al. Discovery of 3-oxo-1,2,3,4-tetrahydropyrido[1,2-a]pyrazin derivatives as SARS-CoV-2 main protease inhibitors through virtual screening and biological evaluation. *Bioorg Med Chem*. 2023 Dec 15:129547.

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

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