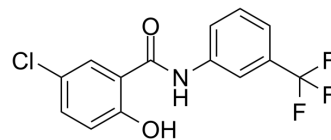


## SARS-CoV-2-IN-15

Cat. No.:	HY-144772
CAS No.:	1580-42-3
Molecular Formula:	C <sub>14</sub> H <sub>9</sub> ClF <sub>3</sub> NO <sub>2</sub>
Molecular Weight:	315.67
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

SARS-CoV-2-IN-15 (compound 11) is a potent inhibitor of SARS-CoV-2 with an IC<sub>50</sub> of 0.49 μM. SARS-CoV-2-IN-15 is a niclosamide analogue. SARS-CoV-2-IN-15 contains higher stability in human plasma and liver S9 enzymes assay than niclosamide, which can improve bioavailability and half-life when administered orally<sup>[1]</sup>.

### REFERENCES

[1]. Juang YP, et al. Design, synthesis and biological evaluations of niclosamide analogues against SARS-CoV-2. *Eur J Med Chem.* 2022 May 5;235:114295.

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

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