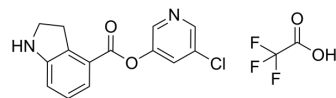


## GRL-1720 TFA

Cat. No.:	HY-153533A
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	388.73
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



## BIOLOGICAL ACTIVITY

Description	GRL-1720 TFA is a potent inhibitor of SARS-CoV-2 Mpro with an EC <sub>50</sub> value of 15 μM. GRL-1720 TFA shows anti-SARS-CoV2 activity <sup>[1]</sup> .
IC <sub>50</sub> & Target	EC <sub>50</sub> : 15 μM (SARS-CoV-2 Mpro) <sup>[1]</sup>

## REFERENCES

[1]. Hattori SI, et al. A small molecule compound with an indole moiety inhibits the main protease of SARS-CoV-2 and blocks virus replication. Nat Commun. 2021 Jan 28;12(1):668.

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

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