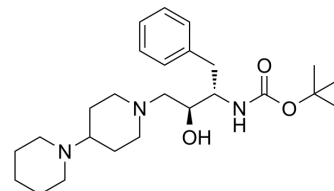


## Hydroxyethylamine

Cat. No.:	HY-144747
CAS No.:	1418733-36-4
Molecular Formula:	C <sub>25</sub> H <sub>41</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	431.61
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Hydroxyethylamine (Compd VII) is a SARS-CoV-2 3CLpro inhibitor with an IC <sub>50</sub> of ~10 μM in the spread assay. Hydroxyethylamine has potent antiviral activities <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : ~10 μM (SARS-CoV-2 3CLpro) <sup>[1]</sup>

### REFERENCES

[1]. Yash Gupta, et al. Antiviral evaluation of hydroxyethylamine analogs: Inhibitors of SARS-CoV-2 main protease (3CLpro), a virtual screening and simulation approach. Bioorg Med Chem. 2021 Oct 1;47:116393.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA