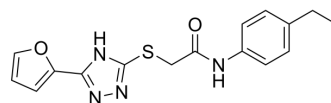


## Neuraminidase-IN-6

Cat. No.:	HY-144426
CAS No.:	2738526-22-0
Molecular Formula:	C <sub>16</sub> H <sub>16</sub> N <sub>4</sub> O <sub>2</sub> S
Molecular Weight:	328.39
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Neuraminidase-IN-6 (Compound 5c) is a potent inhibitor of neuraminidase with an IC<sub>50</sub> of 0.11 μM. Neuraminidase-IN-6 is a 1,3,4-triazole-3-acetamide derivative. Neuraminidase (NA) is an ideal target for the development of anti-influenza agents<sup>[1]</sup>.

### REFERENCES

[1]. Shi L, et al. Design, synthesis and biological evaluation of 1,3,4-triazole-3-acetamide derivatives as potent neuraminidase inhibitors. *Bioorg Med Chem Lett.* 2022;61:128590.

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

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