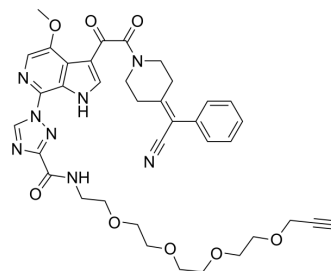


## Influenza antiviral conjugate-1

Cat. No.:	HY-148202
CAS No.:	2567770-65-2
Molecular Formula:	C <sub>37</sub> H <sub>40</sub> N <sub>8</sub> O <sub>8</sub>
Molecular Weight:	724.76
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Influenza antiviral conjugate-1 (INT-2) is a HIV inhibitor, shows potent cell fusion inhibition <sup>[1]</sup> . Influenza antiviral conjugate-1 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
<b>In Vitro</b>	Influenza antiviral conjugate-1 (48 h) inhibits cell-cell fusion (HeLa-CD4-LTR-β-Gal and HL2/3 cells) with EC <sub>50</sub> value of 0.0014 nM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Allen Borchartd, et al. Compositions and methods for the treatment of human immunodeficiency virus. WO2022133281A1.

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

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