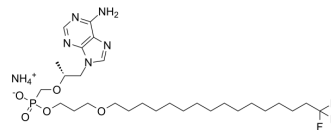


## Tenofovir-C3-O-C15-CF3 ammonium

Cat. No.:	HY-139721
CAS No.:	2611373-80-7
Molecular Formula:	C <sub>28</sub> H <sub>52</sub> F <sub>3</sub> N <sub>6</sub> O <sub>5</sub> P
Molecular Weight:	640.72
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Tenofovir-C3-O-C15-CF<sub>3</sub> (ammonium) exhibits substantially longer t<sub>1/2</sub> values than tenofovir in human liver microsomes, potent anti-HIV activity in vitro, and enhances pharmacokinetic properties in vivo.

### REFERENCES

[1]. Pribut N, et al. ω-Functionalized Lipid Prodrugs of HIV NtRTI Tenofovir with Enhanced Pharmacokinetic Properties. *J Med Chem.* 2021 Sep 9;64(17):12917-12937.

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

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