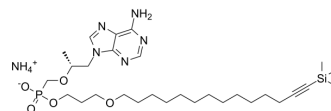


Tenofovir-C3-O-C12-trimethylsilylacetylene ammonium

Cat. No.:	HY-139722
CAS No.:	2611373-74-9
Molecular Formula:	C ₂₉ H ₅₅ N ₆ O ₅ PSi
Molecular Weight:	626.84
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-C12-trimethylsilylacetylene (ammonium) exhibits substantially longer t_{1/2} 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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