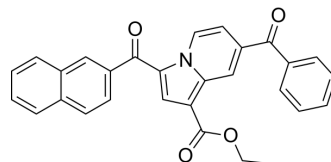


## Vif-ElonginC interaction inhibitor 1

Cat. No.:	HY-120157
CAS No.:	374679-27-3
Molecular Formula:	C <sub>29</sub> H <sub>21</sub> NO <sub>4</sub>
Molecular Weight:	447.48
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Vif-ElonginC interaction inhibitor 1 (compound VEC-5) is a potent Vif inhibitor. Vif-ElonginC interaction inhibitor 1 can restrict HIV-1 in Vif-nonpermissive cells. Vif-ElonginC interaction inhibitor 1 can protect A3G, APOBEC3C (A3C), and APOBEC3F (A3F) from Vif-mediated degradation and drastically inhibit Vif function through blocking the interaction between Vif and ElonginC. Vif-ElonginC interaction inhibitor 1 enhances A3G incorporation into HIV-1 virions to reduce viral infectivity [1].

### REFERENCES

[1]. Tao Zuo, et al. Small-molecule inhibition of human immunodeficiency virus type 1 replication by targeting the interaction between Vif and ElonginC. *J Virol.* 2012 May;86(10):5497-507.

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

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