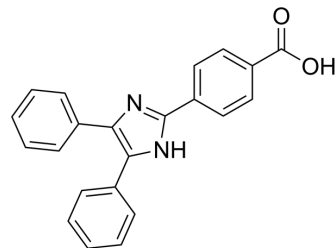


I-XW-053

Cat. No.:	HY-103078		
CAS No.:	5496-35-5		
Molecular Formula:	C ₂₂ H ₁₆ N ₂ O ₂		
Molecular Weight:	340.37		
Target:	HIV		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

I-XW-053 is an inhibitor of HIV-1 capsid protein that can suppress the replication of HIV-189BZ167 with an IC₅₀ value of 164.2 μM. I-XW-053 exhibits antiviral activity and can block the interface between capsid protein (CA) N-terminal domains (NTD-NTD interface) with micromolar affinity^[1].

REFERENCES

[1]. Kortagere S, et al. Structure-activity relationships of a novel capsid targeted inhibitor of HIV-1 replication. J Chem Inf Model. 2014;54(11):3080-3090.

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

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