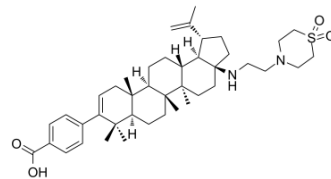


GSK3532795

Cat. No.:	HY-112714
CAS No.:	1392312-45-6
Molecular Formula:	C ₄₂ H ₆₂ N ₂ O ₄ S
Molecular Weight:	691.02
Target:	HIV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	GSK3532795 (BMS-955176) is a potent, orally active, second-generation HIV-1 maturation inhibitor, with EC ₅₀ s of 1.9, 10.2, 2.7 and 13 nM for HIV-1 WT, HIV-1 WT(human serum), HIV-1 V370A, and HIV-1 ΔV370, respectively ^[1] .
IC₅₀ & Target	EC ₅₀ : 1.9 nM (HIV-1 WT), 10.2 nM (HIV-1 WT(human serum)), 2.7 nM (HIV-1 V370A), 13 nM (HIV-1 ΔV370) ^[1]
In Vitro	GSK3532795 exhibits K _d s of 3.2 ± 0.6, 4.3 ± 2.0, 6.5 ± 2.2 and 33.6 ± 5.9 nM for HIV WT, HIV V362I, HIV V370A, HIV ΔV370, respectively ^[1] .

REFERENCES

[1]. Regueiro-Ren A, et al. Design, Synthesis, and SAR of C-3 Benzoic Acid, C-17 Triterpenoid Derivatives. Identification of the HIV-1 Maturation Inhibitor 4-((1 R,3a S,5a R,5b R,7a R,11a S,11b R,13a R,13b R)-3a-((2-(1,1-Dioxidothiomorpholino)ethyl)amino)-5a,5b,8,8,11a-pentamethyl-1-(prop-1-en-2-yl)-2,3,3a,4,5,5a,5b,6,7,7a,8,11,11a,11b,12,13,13a,13b-octadecahydro-1 H-cyclopenta[a]chrysen-9-yl)benzoic Acid (GSK3532795, BMS-955176). J Med Chem. 2018 Aug 23;61(16):7289-7313.

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

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