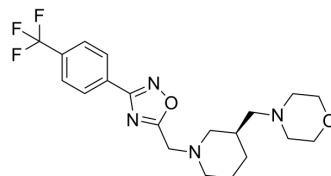


(R)-V-0219

Cat. No.:	HY-143312B
Molecular Formula:	C ₂₀ H ₂₅ F ₃ N ₄ O ₂
Molecular Weight:	410.43
Target:	GLP Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(R)-V-0219 is an enantiomer of V-0219 (HY-143312). V-0219 is an orally active and positive allosteric modulator (PAM) of the GLP Receptor-1 (GLP-1R). (R)-V-0219 activates calcium fluxes in HEK cells stably expressing hGLP-1R ^[1] .
In Vitro	(R)-V-0219 (0.1 nM) is capable to activate calcium fluxes in HEK cells stably expressing hGLP-1R, and induces the receptor activation stimulated by GLP-1 with an E ₅₀ value of 10 nM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Decara JM, et al. Discovery of V-0219: A Small-Molecule Positive Allosteric Modulator of the Glucagon-Like Peptide-1 Receptor toward Oral Treatment for "Diabetesity". J Med Chem. 2022 Apr 14;65(7):5449-5461.

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

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