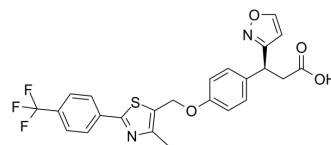


AM-4668

Cat. No.:	HY-12585		
CAS No.:	1011531-27-3		
Molecular Formula:	C ₂₄ H ₁₉ F ₃ N ₂ O ₄ S		
Molecular Weight:	488.48		
Target:	Free Fatty Acid Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	AM-4668 is a GPR40 agonist for type 2 diabetes. EC ₅₀ s of 3.6 nM and 36 nM for GPR40 in A9 cells (GPR40 IP3 assay) and CHO cells (GPR40 aequorin assay), respectively ^[1] .
IC ₅₀ & Target	EC ₅₀ : 3.6 nM (GPR40, in A9 cells), 36 nM (GPR40, in CHO cells) ^[1]

REFERENCES

[1]. Liu JJ, et al. Optimization of GPR40 Agonists for Type 2 Diabetes. ACS Med Chem Lett. 2014 Feb 6;5(5):517-21.

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

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