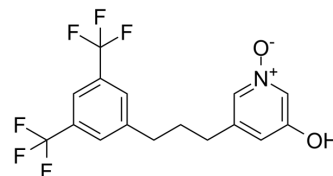


OX04528

Cat. No.:	HY-161106		
Molecular Formula:	C ₁₆ H ₁₃ F ₆ NO ₂		
Molecular Weight:	365.27		
Target:	GPR84		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (273.77 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.7377 mL	13.6885 mL	27.3770 mL
	5 mM		0.5475 mL	2.7377 mL	5.4754 mL
	10 mM		0.2738 mL	1.3689 mL	2.7377 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

OX04528 (compound 68) is a potent, G-protein biased, and orally active GPR84 agonist. OX04528 no cytotoxicity. OX04528 inhibits cAMP production with an EC₅₀ value of 0.00598 nM^[1].

REFERENCES

[1]. Wang P, et al. Development of Highly Potent, G-Protein Pathway Biased, Selective, and Orally Bioavailable GPR84 Agonists. J Med Chem. 2024 Jan 11;67(1):110-137.

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

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