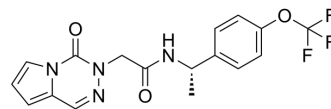


GPR139 agonist-2

Cat. No.:	HY-149651		
CAS No.:	2983118-29-0		
Molecular Formula:	C ₁₇ H ₁₅ F ₃ N ₄ O ₃		
Molecular Weight:	380.32		
Target:	GPR139		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

GPR139 agonist-2 (compound 20a) is a potent GPR139 agonist with an EC₅₀ of 24.7 nM. GPR139 agonist-2 rescues the social interaction deficits and alleviates cognitive deficits in murine schizophrenia models. GPR139 agonist-2 has the potential for antischizophrenia drug research^[1].

REFERENCES

[1]. Jianhang Mao, et al. Design and Synthesis of Novel GPR139 Agonists with Therapeutic Effects in Mouse Models of Social Interaction and Cognitive Impairment. J Med Chem. 2023 Oct 26;66(20):14011-14028.

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

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