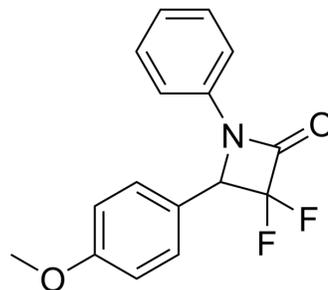


NCRW0005-F05

Cat. No.:	HY-128057	
CAS No.:	342779-66-2	
Molecular Formula:	C ₁₆ H ₁₃ F ₂ NO ₂	
Molecular Weight:	289.28	
Target:	GPR139	
Pathway:	GPCR/G Protein; Neuronal Signaling	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (345.69 mM)
 * "≥" means soluble, but saturation unknown.

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.4569 mL	17.2843 mL	34.5686 mL
5 mM	0.6914 mL	3.4569 mL	6.9137 mL
10 mM	0.3457 mL	1.7284 mL	3.4569 mL

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

BIOLOGICAL ACTIVITY

Description	NCRW0005-F05 is a potent GPR139 antagonist with an IC ₅₀ value of 0.21 μM. NCRW0005-F05 can be used to research diabetes, obesity and Parkinson's disease ^[1] .
IC ₅₀ & Target	IC ₅₀ : 0.21 μM (GPR139) ^[1]

REFERENCES

[1]. Wang J, et al. High-throughput screening of antagonists for the orphan G-protein coupled receptor GPR139. Acta Pharmacol Sin. 2015 Jul;36(7):874-8.

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

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