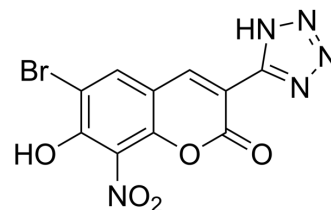


GPR35 agonist 1

Cat. No.:	HY-101033		
CAS No.:	2079880-92-3		
Molecular Formula:	C ₁₀ H ₄ BrN ₅ O ₅		
Molecular Weight:	354.07		
Target:	GPR35; CXCR		
Pathway:	GPCR/G Protein; Immunology/Inflammation		
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 : 50 mg/mL (141.22 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.8243 mL	14.1215 mL	28.2430 mL
5 mM	0.5649 mL	2.8243 mL	5.6486 mL
10 mM	0.2824 mL	1.4122 mL	2.8243 mL

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

BIOLOGICAL ACTIVITY

Description	GPR35 agonist 1 (compound 50) is a potent and specific G protein-coupled receptor-35 (GPR35)/CXCR8 agonist with an EC ₅₀ of 5.8 nM, displays good agentgability ^[1] .
IC₅₀ & Target	EC ₅₀ : 5.8 nM (GPR35/CXCR8) ^[1]

REFERENCES

[1]. Wei L, et al. Discovery of 2H-Chromen-2-one Derivatives as G Protein-Coupled Receptor-35 Agonists. J Med Chem. 2017 Jan 12;60(1):362-372.

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

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