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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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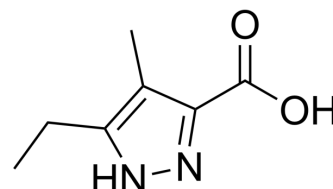
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GPR109 receptor agonist-2

Cat. No.:	HY-W095200		
CAS No.:	957129-38-3		
Molecular Formula:	C ₇ H ₁₀ N ₂ O ₂		
Molecular Weight:	154.17		
Target:	GPR109A		
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 : 200 mg/mL (1297.27 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	6.4863 mL	32.4317 mL	64.8635 mL
		5 mM	1.2973 mL	6.4863 mL	12.9727 mL
		10 mM	0.6486 mL	3.2432 mL	6.4863 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 5 mg/mL (32.43 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 5 mg/mL (32.43 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (32.43 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	GPR109 receptor agonist-2 (Compound 5) is a selective GPR109a agonist with a pEC ₅₀ of 5.53 ^[1] .
IC ₅₀ & Target	pEC ₅₀ : 5.53 (GPR109a) ^[1]

REFERENCES

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

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