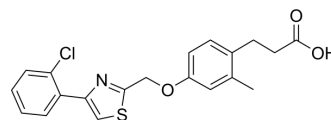


GPR120 modulator 2

Cat. No.:	HY-50172		
CAS No.:	1050506-87-0		
Molecular Formula:	C ₂₀ H ₁₈ ClNO ₃ S		
Molecular Weight:	387.88		
Target:	Free Fatty Acid Receptor		
Pathway:	GPCR/G Protein		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (257.81 mM)

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5781 mL	12.8906 mL	25.7812 mL
	5 mM	0.5156 mL	2.5781 mL	5.1562 mL
	10 mM	0.2578 mL	1.2891 mL	2.5781 mL

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

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 3 mg/mL (7.73 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 3 mg/mL (7.73 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

GPR120 modulator 2 is a G protein coupled receptor 120 (GPR120) modulator extracted from patent US8394841B2, compound example F13. GPR120 modulator 2 can be used for the research of diseases associated with abnormal or deregulated GPR120, such as diabetes^[1].

IC₅₀ & Target

GPR120^[1]

REFERENCES

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

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