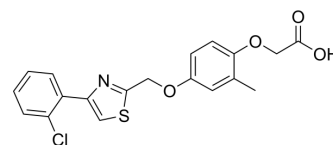


GPR120 modulator 1

Cat. No.:	HY-50162
CAS No.:	1050506-75-6
Molecular Formula:	C ₁₉ H ₁₆ ClNO ₄ S
Molecular Weight:	389.85
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 (256.51 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.5651 mL	12.8254 mL	25.6507 mL
	5 mM		0.5130 mL	2.5651 mL	5.1301 mL
	10 mM		0.2565 mL	1.2825 mL	2.5651 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: ≥ 2.5 mg/mL (6.41 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (6.41 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

GPR120 modulator 1 is a G protein coupled receptor 120 (GPR120) modulator extracted from patent US8394841B2, compound example F1. GPR120 modulator 1 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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