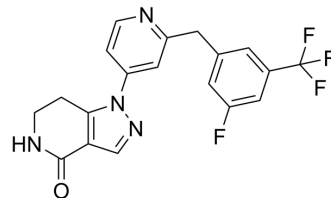


## GPR52 receptor modulator 1

<b>Cat. No.:</b>	HY-154980		
<b>CAS No.:</b>	2642079-89-6		
<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>14</sub> F <sub>4</sub> N <sub>4</sub> O		
<b>Molecular Weight:</b>	390.33		
<b>Target:</b>	Others		
<b>Pathway:</b>	Others		
<b>Storage:</b>	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 (512.39 mM; ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5619 mL	12.8097 mL	25.6193 mL
	5 mM	0.5124 mL	2.5619 mL	5.1239 mL
	10 mM	0.2562 mL	1.2810 mL	2.5619 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: 5 mg/mL (12.81 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: 5 mg/mL (12.81 mM); Clear solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

GPR52 receptor modulator 1 (Procedure 1) is a GPR52 receptor modulator with the potential to study neuropsychiatric diseases<sup>[1]</sup>.

### REFERENCES

- [1]. Gpr52 modulator compounds.WO2021090030.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA