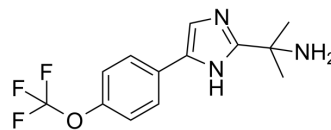


## PF-04885614

<b>Cat. No.:</b>	HY-110325		
<b>CAS No.:</b>	1480833-70-2		
<b>Molecular Formula:</b>	C <sub>13</sub> H <sub>14</sub> F <sub>3</sub> N <sub>3</sub> O		
<b>Molecular Weight:</b>	285.26		
<b>Target:</b>	Sodium Channel		
<b>Pathway:</b>	Membrane Transporter/Ion Channel		
<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 : 250 mg/mL (876.39 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.5056 mL	17.5279 mL	35.0557 mL
	5 mM	0.7011 mL	3.5056 mL	7.0111 mL
	10 mM	0.3506 mL	1.7528 mL	3.5056 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: ≥ 2.08 mg/mL (7.29 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: ≥ 2.08 mg/mL (7.29 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 2.08 mg/mL (7.29 mM); Clear solution

### BIOLOGICAL ACTIVITY

#### Description

PF-04885614 is a potent NaV1.8 inhibitor, extracted from patent US2018328915. PF-04885614 has potential for neurological and neurodevelopmental diseases treatment<sup>[1]</sup>.

### REFERENCES

**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