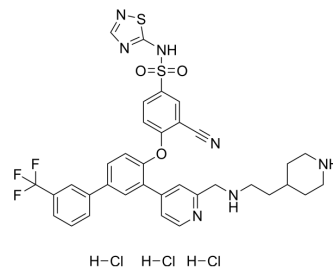


PF-06456384 trihydrochloride

Cat. No.:	HY-118952A		
CAS No.:	1834610-75-1		
Molecular Formula:	C ₃₅ H ₃₅ Cl ₃ F ₃ N ₇ O ₃ S ₂		
Molecular Weight:	829.18		
Target:	Sodium Channel		
Pathway:	Membrane Transporter/Ion Channel		
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 : 125 mg/mL (150.75 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.2060 mL	6.0301 mL	12.0601 mL
	5 mM	0.2412 mL	1.2060 mL	2.4120 mL
	10 mM	0.1206 mL	0.6030 mL	1.2060 mL

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

BIOLOGICAL ACTIVITY

Description

PF-06456384 trihydrochloride is a highly potent and selective Na_v1.7 inhibitor with an IC₅₀ of 0.01 nM. PF-06456384 trihydrochloride has the potential for formalin pain model research^[1].

IC₅₀ & Target

Na_v1.7
0.01 nM (IC₅₀)

REFERENCES

[1]. R Ian Storer, et al. Highly potent and selective Na_v1.7 inhibitors for use as intravenous agents and chemical probes. *Bioorg Med Chem Lett*. 2017 Nov 1;27(21):4805-4811.

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

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