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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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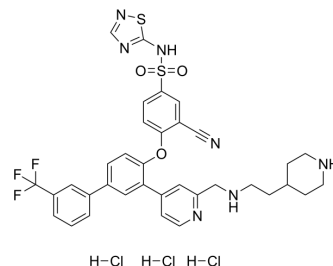
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PF-06456384 trihydrochloride

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)

	Solvent Concentration	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 NaV1.7 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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