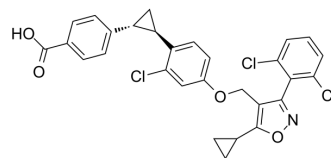


trans-PX20606

Cat. No.:	HY-100443A		
CAS No.:	1268244-85-4		
Molecular Formula:	C ₂₉ H ₂₂ Cl ₃ NO ₄		
Molecular Weight:	554.85		
Target:	FXR; Autophagy		
Pathway:	Metabolic Enzyme/Protease; Autophagy		
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 : 100 mg/mL (180.23 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8023 mL	9.0114 mL	18.0229 mL
	5 mM	0.3605 mL	1.8023 mL	3.6046 mL
	10 mM	0.1802 mL	0.9011 mL	1.8023 mL

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

BIOLOGICAL ACTIVITY

Description

PX20606 trans racemate (PX-102 trans racemate) is a FXR agonist with EC₅₀s of 32 and 34 nM for FXR in FRET and M1H assay, respectively^[1].

IC₅₀ & Target

EC₅₀: 32 nM (FXR in FRET assay), 34 nM (FXR in M1H assay)^[1]

CUSTOMER VALIDATION

- Arch Toxicol. 2022 Mar 10.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Kinzel O, et al. Novel substituted isoxazole FXR agonists with cyclopropyl, hydroxycyclobutyl and hydroxyazetidiny linkers: Understanding and improving key determinants of pharmacological properties. *Bioorg Med Chem Lett*. 2016 Aug 1;26(15):3746-53.

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

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