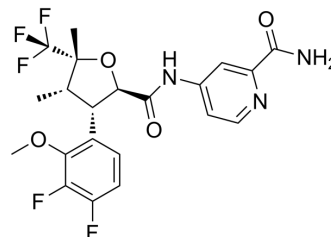


Suzetrigine

Cat. No.:	HY-148800		
CAS No.:	2649467-58-1		
Molecular Formula:	C ₂₁ H ₂₀ F ₅ N ₃ O ₄		
Molecular Weight:	473.39		
Target:	Sodium Channel		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (264.05 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1124 mL	10.5621 mL	21.1242 mL
	5 mM	0.4225 mL	2.1124 mL	4.2248 mL
	10 mM	0.2112 mL	1.0562 mL	2.1124 mL

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

BIOLOGICAL ACTIVITY

Description

Suzetrigine (VX-548) is an orally active and highly selective NaV1.8 inhibitor that acts as an analgesic. Suzetrigine is also a blocker of sodium channel protein type 10 subunit alpha^{[1][2]}.

REFERENCES

[1]. WHO Drug Information-World Health Organization (WHO).

[2]. Jones J, et al. Selective Inhibition of NaV1.8 with VX-548 for Acute Pain. *N Engl J Med.* 2023 Aug 3;389(5):393-405.

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

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