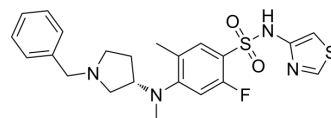


Zandatrigrine

Cat. No.:	HY-147423		
CAS No.:	2154406-04-7		
Molecular Formula:	C ₂₂ H ₂₅ FN ₄ O ₂ S ₂		
Molecular Weight:	460.59		
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 (271.39 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.1711 mL	10.8556 mL	21.7113 mL
	5 mM	0.4342 mL	2.1711 mL	4.3423 mL
	10 mM	0.2171 mL	1.0856 mL	2.1711 mL

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

BIOLOGICAL ACTIVITY

Description

Zandatrigrine (NBI-921352) is a sodium channel protein type 8 subunit alpha (Scn8α) blocker^[1].

IC₅₀ & Target

Scn8α^[1]

REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 36, No. 2, 2022.

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

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