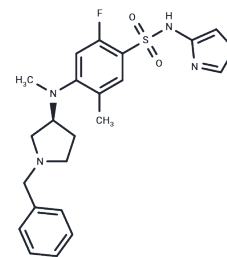


## Zandatrigrine

## Chemical Properties

CAS No. :	2154406-04-7
Formula:	C <sub>22</sub> H <sub>25</sub> FN <sub>4</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	460.59
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Zandatrigrine (NBI-921352) is a sodium channel protein type 8 subunit alpha blocker, suitable for studies on epilepsy treatment and nervous system pathologies.
Targets(IC50)	Sodium Channel

## Solubility Information

Solubility	DMSO: 112.5 mg/mL (244.25 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0434 mL	0.2171 mL	0.4342 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Jean-Christophe ANDREZ, et al. Benzenesulfonamide compounds and their use as therapeutic agents. Patent WO2017201468A1.

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