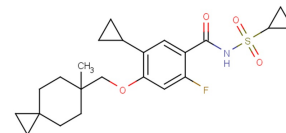


## NaV1.7 inhibitor-1

## Chemical Properties

CAS No.:	1494585-79-3
Formula:	C <sub>23</sub> H <sub>30</sub> FNO <sub>4</sub> S
Molecular Weight:	435.55
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	NaV1.7 inhibitor-1, an efficacious inhibitor of voltage-gated sodium channel (NaV) 1.7 (IC <sub>50</sub> of 0.6 nM for hNaV1.7).
Targets(IC <sub>50</sub> )	hNaV1.7: 0.6 nM

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.296 mL	11.48 mL	22.959 mL
5 mM	0.459 mL	2.296 mL	4.592 mL
10 mM	0.23 mL	1.148 mL	2.296 mL
50 mM	0.046 mL	0.23 mL	0.459 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

## Reference

1. Sun S, Identification of Selective Acyl Sulfonamide-Cycloalkylether Inhibitors of the Voltage-Gated Sodium Channel (NaV) 1.7 with Potent Analgesic Activity. J Med Chem. 2019 Jan 24;62(2):908-927.

Inhibitors · Natural Compounds · Compound Libraries

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