# Data Sheet (Cat.No.T9683)



## VX-150

Chemical Propert	ies
CAS No. :	1793080-72-4
Formula:	C21H17F4N2O7P
Molecular Weight:	516.34
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year

# **Biological Description**

Description	VX-150 is a highly selective NaV1.8 inhibitor relative to the other sodium channel subtypes (>400-fold).
Targets(IC50)	Sodium Channel

Solubility Information	
Solubility	DMSO: 125 mg/mL (242.09 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9367 mL	9.6835 mL	19.3671 mL
5 mM	0.3873 mL	1.9367 mL	3.8734 mL
10 mM	0.1937 mL	0.9684 mL	1.9367 mL
50 mM	0.0387 mL	0.1937 mL	0.3873 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.

#### Reference

Hemme J Hijma, et al. A Phase 1, Randomized, Double-Blind, Placebo-Controlled, Crossover Study to Evaluate the Pharmacodynamic Effects of VX-150, a Highly Selective NaV1.8 Inhibitor, in Healthy Male Adults. Pain Med. 2021

### Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481