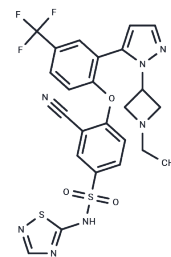


GX-936

Chemical Properties

CAS No. : 1235406-09-3
 Formula: C₂₄H₂₀F₃N₇O₃S₂
 Molecular Weight: 575.59
 Storage: Store at low temperature
 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	GX-936 (PF-05196233) is a selective Nav1.7 inhibitor that binds to the activated state of VSD4 (voltage-sensor domain IV), thereby opposing VSD4 inactivation and inhibiting Nav1.7. It can be used for pain perception research.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7373 mL	8.6867 mL	17.3735 mL
5 mM	0.3475 mL	1.7373 mL	3.4747 mL
10 mM	0.1737 mL	0.8687 mL	1.7373 mL
50 mM	0.0347 mL	0.1737 mL	0.3475 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

Ahuja S, et al. Structural basis of Nav1.7 inhibition by an isoform-selective small-molecule antagonist. Science. 2015;350(6267):aac5464. doi:10.1126/science.aac5464

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481