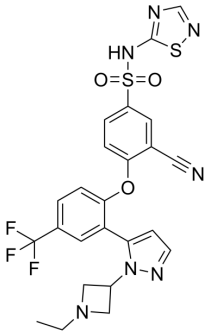
GX-936

Cat. No.:	HY-123414
CAS No.:	1235406-09-3
Molecular Formula:	$C_{24}H_{20}F_3N_7O_3S_2$
Molecular Weight:	575.59
Target:	Sodium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	GX-936 (PF-05196233), a potent and Nav1.7-subtype selective inhibitor, binds to the activated state of voltage-sensor domain IV (VSD4)[1][2][3].

REFERENCES

[1]. R Ian Storer, et al. Highly potent and selective NaV1.7 inhibitors for use as intravenous agents and chemical probes. Bioorg Med Chem Lett. 2017 Nov 1;27(21):4805-4811.

[2]. Shivani Ahuja, et al. Structural basis of Nav1.7 inhibition by an isoform-selective small-molecule antagonist. Science. 2015 Dec 18;350(6267):aac5464.

[3]. Jian Payandeh, et al. Selective Ligands and Drug Discovery Targeting the Voltage-Gated Sodium Channel Nav1.7. Handb Exp Pharmacol. 2018:246:271-306.

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