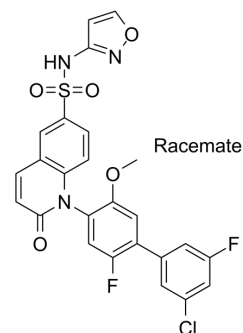


(Rac)-AMG8379

Cat. No.:	HY-108425B
CAS No.:	1641574-26-6
Molecular Formula:	C ₂₅ H ₁₆ ClF ₂ N ₃ O ₅ S
Molecular Weight:	543.93
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	(Rac)-AMG8379 ((Rac)-AMG8380) is a racemate of AMG8379. AMG8379 is a potent, orally active and selective sulfonamide antagonist of NaV1.7, with IC ₅₀ s of 8.5 and 18.6 nM for hNaV1.7 and mNaV1.7, respectively ^[1] .	
IC₅₀ & Target	hNa _v 1.7 8.5 nM (IC ₅₀)	mNa _v 1.7 18.6 nM (IC ₅₀)

REFERENCES

[1]. Kornecook TJ, et al. Pharmacologic Characterization of AMG8379, a Potent and Selective Small Molecule Sulfonamide Antagonist of the Voltage-Gated Sodium Channel NaV1.7. *J Pharmacol Exp Ther*. 2017 Jul;362(1):146-160.

Caution: Product has not been fully validated for medical applications. For research use only.

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