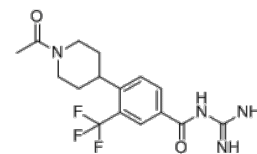


Product Name : BI-9627
Cat. No. : PC-35034
CAS No. : 1204329-34-9
Molecular Formula : C₁₆H₁₉F₃N₄O₂
Molecular Weight : 356.349
Target : Sodium Channel
Solubility : 10 mM in DMSO



Biological Activity

BI-9627 is a potent, selective inhibitor of sodium-hydrogen exchanger isoform 1 (**NHE1**) with pHi change IC₅₀ of 6 nM, displays >30-fold selectivity against NHE2 and with no measurable inhibitory activity against the NHE3 isoform. BI-9627 also shows high potency in the platelet swelling assay with IC₅₀ of 31 nM. BI-9627 demonstrates IC₅₀ >30 μM across all CYP isoforms tested; exhibits profound efficacy, prevents or attenuates ischemia-reperfusion injury in the Langendorff isolated perfused rat heart model.

References

Huber JD, et al. *J Med Chem.* 2012 Aug 23;55(16):7114-40.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com