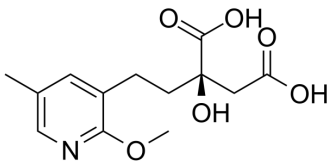
PF-06761281

Cat. No.:	HY-120669
CAS No.:	1854061-19-0
Molecular Formula:	$C_{13}H_{17}NO_6$
Molecular Weight:	283.28
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	PF-06761281 (Compound 4a) is a potent, orally active, partial selective sodium-coupled citrate transporter (NaCT or SLC13A5) inhibitor with IC_{50} values of 0.51, 13.2 and 14.1 μM against HEK_{NaCT}, HEK_{NaDC1} and HEK_{NaDC3}, respectively[1].
IC_{50} & Target	IC_{50}: 0.51 μM (HEK_{NaCT}), 13.2 μM (HEK_{NaDC1}), 14.1 μM (HEK_{NaDC3})[1]
In Vitro	PF-06761281 (Compound 4a) inhibits citrate uptake with IC_{50} values of 0.12, 0.21 and 0.74 μM in rat, mouse and human Heps [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Huard K, et al. Optimization of a Dicarboxylic Series for in Vivo Inhibition of Citrate Transport by the Solute Carrier 13 (SLC13) Family. J Med Chem. 2016 Feb 11;59(3):1165-75.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA