
Product Data Sheet

Product Name: PF-06761281

Cat. No.: GC68011

Chemical Properties

Cas. No. 1854061-19-0

Formula $C_{13}H_{17}NO_6$ M.Wt 283.28

Solubility $H_2O : \geq 50 \text{ mg/mL (176.50 mM)}$ Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice. All other available size: ship with RT, or blue ice upon request.

Structure

Background

PF-06761281 (Compound 4a) is a potent, orally active, partial selective **sodium-coupled citrate transporter (NaCT or SLC13A5)** inhibitor with **IC₅₀** values of 0.51, 13.2 and 14.1 μM against HEK_{NaCT}, HEK_{NaDC1} and HEK_{NaDC3}, respectively^[1].

PF-06761281 (Compound 4a) inhibits citrate uptake with **IC₅₀** values of 0.12, 0.21 and 0.74 μM in rat, mouse and human Heps^[1].

[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.

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

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