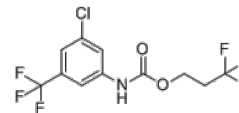


Product Name : ETG-5773
Cat. No. : PC-49269
CAS No. : 23794-80-1
Molecular Formula : C₁₁H₈ClF₆NO₂
Molecular Weight : 335.630
Target :
Solubility : 10 mM in DMSO



Biological Activity

ETG-5773 (ETG5773) is a selective, cross-species active, non-competitive, non-substrate-like inhibitor of NaCT (SLC13A5, INDY), reduces citrate uptake in cell lines expressing mouse or human NaCT with IC₅₀ of 180 and 160 nM, respectively. ETG-5773 displays no activity on the closely related human NaDC3 (SLC13A3) transporter at 20 μM. ETG-5773 (15 mg/kg twice-daily, oral) ameliorates diet-induced obesity in DIO mice. ETG-5773 attenuates hepatic steatosis and regulates lipogenesis-related genes, significantly downregulates Acly mRNA levels. ETG-5773 is able to reduce liver fat and other features of metabolically associated fatty liver disease (MAFLD).

References

Grit Zahn, et al. *Metabolites*. 2022 Aug 8;12(8):732.

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

E-mail: tech@probechem.com