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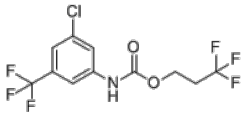
Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	ETG-5773
Cat. No.	:	PC-49269
CAS No.	:	23794-80-1
Molecular Formula	:	$C_{11}H_8ClF_6NO_2$
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 mouseor human NaCT with IC50 of 180 and 160 nM, respectively.
ETG-5773 displays no activiity on the closely related human NaDC3 (SLC13A3) transporter at 20 uM.
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.

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