Product Name	:	SLC26A3-IN-2
Synonyms	:	——
Cat No.	:	M36614
CAS Number	:	950348-60-4
Molecular Formula	:	C19H13ClN2O2S
Formula Weight	:	368.84
Chemical Name	:	——
Description	:	SLC26A3-IN-2 is an orally active inhibitor of anion exchanger protein SLC26A3 (IC50=360 nM). SLC26A3 belongs to solute carrier (SLC) proteins, and the SLC26 family. SLC26 family has broad anion specificity for chloride, bicarbonate, sulfate and oxalate. SLC26A3 down-regulates in adenoma, DRA, involves in in intestinal absorption of chloride and oxalate. The loss of SLC26A3 function mutations is associated with chloride-losing diarrhea.
Pathway	:	Others
Target	:	Other Targets
Receptor	:	Others
Solubility	:	In Vitro:?DMSO : 16.67 mg/mL (45.20 mM; Ultrasonic (<60°C)
SMILES	:	O=C1N2C(=CSC2=NC(COC3=C(Cl)C=CC=C3)=C1)C4=CC=CC=C4
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1. Cil O, et al. Small molecule inhibitors of intestinal epithelial anion exchanger SLC26A3 (DRA) with a luminal, extracellular site of action. Eur J Med Chem. 2023 Mar 5;249:115149.?