

Product Name	: Acebilustat
Synonyms	: CTX-4430;EP-501
Cat No.	: M16760
CAS Number	: 943764-99-6
Molecular Formula	: C ₂₉ H ₂₇ N ₃ O ₄
Formula Weight	: 481.54
Chemical Name	: Benzoic acid, 4-[[[(1S,4S)-5-[[4-[4-(2-oxazolyl)phenoxy]phenyl]methyl]-2,5-diazabicyclo[2.2.1]hept-2-yl]methyl]-
Description	: Acebilustat (CTX-4430, EP-501) is a potent and selective leukotriene A ₄ hydrolase (LTA ₄ H) inhibitor with IC ₅₀ of 64 nM for inhibition of LTB ₄ production in human whole blood; a new once - daily oral antiinflammatory drug in development for treatment of cystic fibrosis (CF) and other diseases. Cystic Fibrosis, Phase 2 Clinical
Pathway	: Others
Target	: Other Targets
Receptor	: LTB ₄
Solubility	: 10 mM in DMSO; Methanol: ≥ 32 mg/mL
SMILES	: <chem>O=C(O)C1=CC=C(CN2[C@](C3)([H])CN(CC4=CC=C(OC5=CC=C(C6=NC=CO6)C=C5)C=C4)[C@]3([H])C2)C=C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Elborn JS, et al. Clin Transl Sci. 2017 Jan;10(1):20-27. 2. Elborn JS, et al. Clin Transl Sci. 2017 Jan;10(1):28-34.