

Product Name : Emixustat hydrochloride

Synonyms : ACU-4429 hydrochloride

Cat No. : M10504

CAS Number : 1141934-97-5

Molecular Formula : C₁₆H₂₆ClNO₂

Formula Weight : 299.84

Chemical Name : Benzenemethanol, α-(2-aminoethyl)-3-(cyclohexylmethoxy)-, hydrochloride (1:1), (αR)-

Description : Emixustat (ACU-4429) is a first in class small-molecule inhibitor of the visual cycle isomerase (RPE65) with IC₅₀ of 4.4 nM; reduces the production of visual chromophore (11-cis retinal) in wild-type mice following a single oral dose (ED₅₀ = 0.18 mg/kg). Other Indication Phase 3 Clinical

Pathway : Others

Target : Other Targets

Receptor : Other Targets

Solubility : DMSO: ≥ 44 mg/mL

SMILES : C1CCC(CC1)COC2=CC=CC(=C2)C(CCN)O.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kiser PD, et al. Nat Chem Biol. 2015 Jun;11(6):409-15. 2. Bavik C, et al. PLoS One. 2015 May 13;10(5):e0124940. 3. Zhang J, et al. J Clin Invest. 2015 Jul 1;125(7):2781-94.

