

**Product Name** : Emixustat

**Synonyms** : ACU-4429

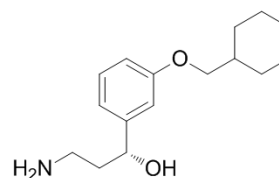
**Cat No.** : M10502

**CAS Number** : 1141777-14-1

**Molecular Formula** : C<sub>16</sub>H<sub>25</sub>NO<sub>2</sub>

**Formula Weight** : 263.38

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



**Description** : Emixustat (ACU-4429) is a first in class small-molecule inhibitor of the visual cycle isomerase (RPE65) with IC<sub>50</sub> of 4.4 nM; reduces the production of visual chromophore (11-cis retinal) in wild-type mice following a single oral dose (ED<sub>50</sub> = 0.18 mg/kg). Other Indication Phase 3 Clinical

**Pathway** : Others

**Target** : Other Targets

**Receptor** : Other Targets

**Solubility** : DMSO: ≥ 43 mg/mL

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

**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.