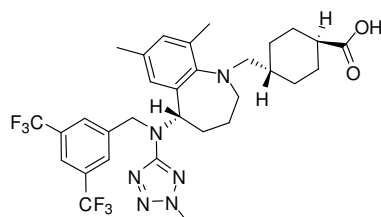




Certificate of Analysis

Axon Catalogue ID: 2286 **Batch Number:** 1
Product Name: Evacetrapib
Alternative Name(s): LY 2484595
IUPAC Name: (1S,4r)-4-(((S)-5-((3,5-Bis(trifluoromethyl)benzyl)(2-methyl-2H-tetrazol-5-yl)amino)-7,9-dimethyl-2,3,4,5-tetrahydro-1H-benzof[b]azepin-1-yl)methyl)cyclohexanecarboxylic acid

Structure:



Amount:

CAS number(s): 1186486-62-3
Molecular Formula: C₃₁H₃₆F₆N₆O₂ **Molecular Weight:** 638.65
Batch Molecular Formula: C₃₁H₃₆F₆N₆O₂ **Batch Molecular Weight:** 638.65
Appearance: Off-white solid **Observed mp:** 101 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 98.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 58.30, H 5.68, N 13.16; Found: C 57.92, H 5.51, N 13.03
Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility | | Remarks |
|------------------|----------------|------------|------|------------|
| | | (mg/ml) | (mM) | |
| | Water | 0.0 | 0.0 | Insoluble |
| | 0.1N NaOH (aq) | 0.0 | 0.0 | Insoluble |
| | 0.1N HCl (aq) | 0.0 | 0.0 | Insoluble |
| | DMSO | 24.0 | 37.6 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 22-05-2019

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only