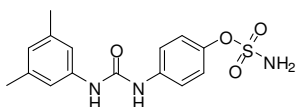




Certificate of Analysis

Axon Catalogue ID: 2662 **Batch Number:** 1
Product Name: CAIX Inhibitor S4
Alternative Name(s): N.A.
IUPAC Name: 4-(3-(3,5-Dimethylphenyl)ureido)phenyl sulfamate

Structure:



Amount:

CAS number(s): 1330061-67-0
Molecular Formula: C₁₅H₁₇N₃O₄S **Molecular Weight:** 335.38
Batch Molecular Formula: C₁₅H₁₇N₃O₄S **Batch Molecular Weight:** 335.38
Appearance: White solid **Observed mp:** 198.5 - 199.5 °C
TLC (R_f): 0.62 Hex/THF (1:1)
Chemical Purity: 99.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.72, H 5.11, N 12.53; Found: C 53.58, H 5.10, N 12.53
Storage Conditions: Store at +4 °C

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
Water	0.0	0.0	Insoluble
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	33.5	>100 mM	
EtOH			Not Tested

Remarks:

QC Date: 13-4-2022

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