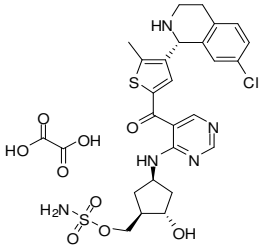




Certificate of Analysis

Axon Catalogue ID:	3797	Batch Number:	1
Product Name:	TAK-981 oxalate		
Alternative Name(s):	Subasumstat oxalate		
IUPAC Name:	((1R,2S,4R)-4-(5-(4-((R)-7-Chloro-1,2,3,4-tetrahydroisoquinolin-1-yl)-5-methylthiophene-2-carbonyl)pyrimidin-4-ylamino)-2-hydroxycyclopentyl)methyl sulfamate oxalate		
Structure:			Amount:
CAS number(s):	1858276-04-6 (parent)		
Molecular Formula:	C ₂₅ H ₂₈ CIN ₅ O ₅ S ₂ .C ₂ H ₂ O ₄	Molecular Weight:	668.14
Batch Molecular Formula:	C ₂₅ H ₂₈ CIN ₅ O ₅ S ₂ .1.5C ₂ H ₂ O ₄ .H ₂ O	Batch Molecular Weight:	731.17
Appearance:	White solid	Observed mp:	N.A.
TLC (R_f):	N.A.		
Chemical Purity:	99%		
Optical Purity (ee):	Optically pure		
¹H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 45.99, H 4.55, N 9.58; Found: C 45.88, H 4.63, N 9.53		
Storage Conditions:	Desiccate at -20 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		Not Tested
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	73.1	100.0
	EtOH		Not Tested
Remarks:	Suspected to be unstable in solution. It is recommended to prepare fresh solutions for your experiments.		
QC Date:	9-2-2023		

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