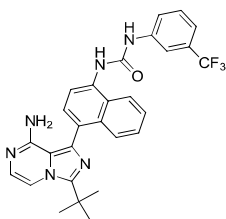




Certificate of Analysis

Axon Catalogue ID: 4470 **Batch Number:** 1
Product Name: KIRA6
Alternative Name(s): N.A.
IUPAC Name: 3-tert-Butyl-1-(4-(3-(3-(trifluoromethyl)phenyl)ureido)-1-naphthyl)-2,3a,6-triaza-7-indenamine

Structure:



Amount:

CAS number(s): 1589527-65-0
Molecular Formula: C₂₈H₂₅F₃N₆O **Molecular Weight:** 518.53
Batch Molecular Formula: C₂₈H₂₅F₃N₆O.H₂O **Batch Molecular Weight:** 536.55
Appearance: Off-white solid **Observed mp:** 186.0 - 187.0 °C
TLC (R_f): 0.4 DCM/MeOH (20:1)
Chemical Purity: 98.2%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 62.68, H 5.07, N 15.66; Found: C 62.65, H 5.11, N 15.58
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	53.7	>100 mM	
	EtOH	3.2	6.0	

Remarks:

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