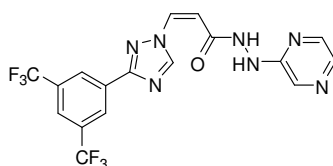




Certificate of Analysis

Axon Catalogue ID: 2336 **Batch Number:** 2
Product Name: KPT-330
Alternative Name(s): Selinexor
IUPAC Name: (Z)-3-(3-(3,5-Bis(trifluoromethyl)phenyl)-1H-1,2,4-triazol-1-yl)-N'-(pyrazin-2-yl)acrylohydrazide

Structure:



Amount:

CAS number(s): 1393477-72-9
Molecular Formula: C₁₇H₁₁F₆N₇O **Molecular Weight:** 443.31
Batch Molecular Formula: C₁₇H₁₁F₆N₇O.0.25H₂O **Batch Molecular Weight:** 447.81
Appearance: Light-yellow solid **Observed mp:** 85.4 - 87.4 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 45.60, H 2.59, N 21.89; Found: C 45.63, H 2.80, N 21.91
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	44.8	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 14-06-2021

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