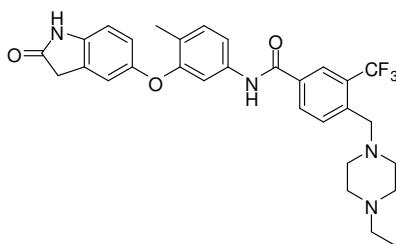




Certificate of Analysis

Axon Catalogue ID: 2265 **Batch Number:** 2
Product Name: DDR1-IN-1
Alternative Name(s): TL4-44
IUPAC Name: 4-((4-Ethylpiperazin-1-yl)methyl)-N-(4-methyl-3-(2-oxoindolin-5-yloxy)phenyl)-3-(trifluoromethyl)benzamide

Structure:



Amount:

CAS number(s): 1449685-96-4
Molecular Formula: C₃₀H₃₁F₃N₄O₃ **Molecular Weight:** 552.59
Batch Molecular Formula: C₃₀H₃₁F₃N₄O₃.0.25H₂O **Batch Molecular Weight:** 557.09
Appearance: Off-white solid **Observed mp:** >222 °C (decomp)
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 98.4%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.68, H 5.70, N 10.06; Found: C 64.46, H 5.43, N 10.05
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)			Not Tested
	DMSO	31.0	55.6	
	EtOH			Not Tested

Remarks:

QC Date: 28-11-2018

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