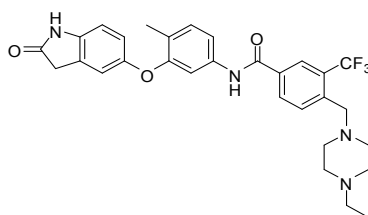




Certificate of Analysis

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

Structure:



Amount:

CAS number: 1449685-96-4
Batch Molecular Formula: C₃₀H₃₁F₃N₄O₃·0.75H₂O **Batch MW:** 566.10
Appearance: Off-white solid **Observed mp:** 207 - 208 °C
TLC (R_f): 0.3 DCM/MeOH (5:1)
Chemical Purity: 98.4%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.65 , H 5.79 , N 9.90 Found: C 63.79 , H 5.56 , N 9.85
Storage Conditions: Store at +4 °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	32.0	56.5	
	EtOH			Not Tested

Remarks:

QC Date: 17-7-2014

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