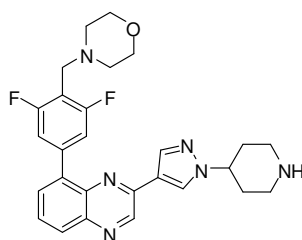




Certificate of Analysis

Axon Catalogue ID: 2792 **Batch Number:** 1
Product Name: NVP-BSK805
Alternative Name(s): BSK 805
IUPAC Name: 4-(2,6-Difluoro-4-(3-(1-(piperidin-4-yl)-1H-pyrazol-4-yl)quinoxalin-5-yl)benzyl)morpholine

Structure:



Amount:

CAS number(s): 1092499-93-8
Molecular Formula: C₂₇H₂₈F₂N₆O **Molecular Weight:** 490.55
Batch Molecular Formula: C₂₇H₂₈F₂N₆O.0.5H₂O **Batch Molecular Weight:** 499.56
Appearance: Light-yellow solid **Observed mp:** 81 - 85 °C
TLC (R_f): 0.49 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.92, H 5.85, N 16.82; Found: C 65.27, H 5.81, N 16.55
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)	50.0	>100 mM	
	DMSO	50.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 18-10-2018

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