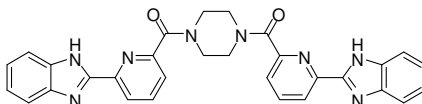




Certificate of Analysis

Axon Catalogue ID: 2749 **Batch Number:** 2
Product Name: BT-11
Alternative Name(s): Omilancor
IUPAC Name: Piperazine-1,4-diylbis((6-(1H-benzo[d]imidazol-2-yl)pyridin-2-yl)methanone)

Structure:



Amount:

CAS number(s): 1912399-75-7
Molecular Formula: C30H24N8O2 **Molecular Weight:** 528.56
Batch Molecular Formula: C30H24N8O2.2.25H2O **Batch Molecular Weight:** 569.10
Appearance: Beige solid **Observed mp:** 217 - 219 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.3%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.31, H 5.05, N 19.69; Found: C 63.11, H 4.69, N 19.59
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	26.0	45.7	
	EtOH			Not Tested

Remarks:

QC Date: 14-10-2022

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