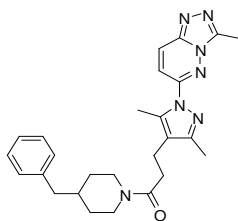




Certificate of Analysis

Axon Catalogue ID: 3846 **Batch Number:** 1
Product Name: C25-140
Alternative Name(s): N.A.
IUPAC Name: 1-(4-Benzylpiperidin-1-yl)-3-(3,5-dimethyl-1-(3-methyl-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-1H-pyrazol-4-yl)propan-1-one

Structure:



Amount:

CAS number(s): 1358099-18-9
Molecular Formula: C₂₆H₃₁N₇O **Molecular Weight:** 457.57
Batch Molecular Formula: C₂₆H₃₁N₇O.0.75H₂O **Batch Molecular Weight:** 471.08
Appearance: Off-white solid **Observed mp:** 141 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 99.9%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.29, H 6.95, N 20.81; Found: C 66.43, H 6.78, N 20.51
Storage Conditions: Store at +4 °C

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	47.1	>100 mM	
EtOH	47.1	>100 mM	

Remarks:

QC Date: 7-11-2023

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