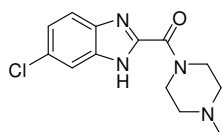




Certificate of Analysis

Axon Catalogue ID: 1307 **Batch Number:** 1
Product Name: JNJ 10191584
Alternative Name(s): N.A.
IUPAC Name: (6-Chloro-1H-benzo[d]imidazol-2-yl)(4-methylpiperazin-1-yl)methanone

Structure:



Amount:

CAS number(s): 73903-17-0
Molecular Formula: C₁₃H₁₅ClN₄O **Molecular Weight:** 278.74
Batch Molecular Formula: C₁₃H₁₅ClN₄O **Batch Molecular Weight:** 278.74
Appearance: Off-white solid **Observed mp:** 209 - 210 °C
TLC (R_f): 0.5 DCM/MeOH (9:1)
Chemical Purity: 99.4%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.02, H 5.42, N 20.10; Found: C ND, H ND, N ND
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	19.0	68.2	
	EtOH			Not Tested

Remarks:

QC Date: 25-05-2021

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