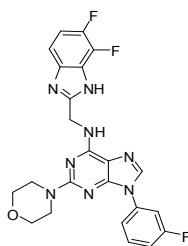




Certificate of Analysis

Axon Catalogue ID: 2547 **Batch Number:** 1
Product Name: SR 3029
Alternative Name(s): N.A.
IUPAC Name: N-((6,7-difluoro-1H-benzo[d]imidazol-2-yl)methyl)-9-(3-fluorophenyl)-2-morpholino-9H-purin-6-amine

Structure:



Amount:

CAS number(s): 1454585-06-8
Molecular Formula: C₂₃H₁₉F₃N₈O **Molecular Weight:** 480.45
Batch Molecular Formula: C₂₃H₁₉F₃N₈O.0.75H₂O **Batch Molecular Weight:** 493.96
Appearance: White solid **Observed mp:** 253.5 - 255.0 °C
TLC (R_f): 0.5 DCM/MeOH 9:1
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 55.93, H 4.18, N 22.68; Found: C 55.76, H 3.91, N 22.83
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)	0.0	0.0	Insoluble
	DMSO	49.4	>100 mM	Soluble
	EtOH			Not Tested

Remarks:

QC Date: 11-04-2016

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