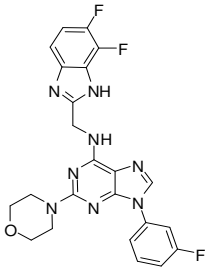




Certificate of Analysis

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:	C ₂₃ H ₁₉ F ₃ N ₈ O	Molecular Weight:	480.45	
Batch Molecular Formula:	C ₂₃ H ₁₉ F ₃ N ₈ O.0.75H ₂ O	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:	99.3%			
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	
	EtOH			Not Tested
Remarks:				
QC Date:	27-05-2021			

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