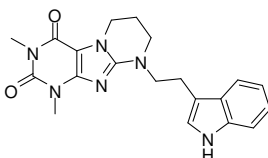




Certificate of Analysis

Axon Catalogue ID: 3269 **Batch Number:** 1
Product Name: PSB-KD107
Alternative Name(s): N.A.
IUPAC Name: 9-(2-(1H-Indol-3-yl)ethyl)-1,3-dimethyl-6,7,8,9-tetrahydropyrimido[1,2-f]purine-2,4(1H,3H)-dione

Structure:



Amount:

CAS number(s): 955121-65-0
Molecular Formula: C₂₀H₂₂N₆O₂ **Molecular Weight:** 378.43
Batch Molecular Formula: C₂₀H₂₂N₆O₂ **Batch Molecular Weight:** 378.43
Appearance: White solid **Observed mp:** 235.8 - 237.2 °C
TLC (R_f): 0.7 DCM/MeOH (9:1)
Chemical Purity: 99.7%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.48, H 5.86, N 22.21; Found: C 63.30, H 5.82, N 22.42
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	9.6	25.4	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 28-10-2021

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