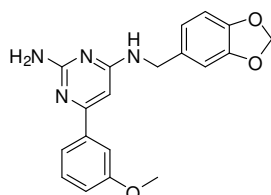




Certificate of Analysis

Axon Catalogue ID: 2120 **Batch Number:** 1
Product Name: Wnt agonist 1
Alternative Name(s): N.A.
IUPAC Name: N4-(Benzo[d][1,3]dioxol-5-ylmethyl)-6-(3-methoxyphenyl)pyrimidine-2,4-diamine

Structure:



Amount:

CAS number(s): 853220-52-7
Molecular Formula: C₁₉H₁₈N₄O₃ **Molecular Weight:** 350.37
Batch Molecular Formula: C₁₉H₁₈N₄O₃.0.33H₂O **Batch Molecular Weight:** 356.38
Appearance: Brown solid **Observed mp:** 60 - 64°C
TLC (R_f): 0.76 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.03, H 5.28, N 15.72; Found: C 64.15, H 5.08, N 15.35
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	35.6	>100 mM	
	EtOH	35.6	>100 mM	

Remarks:

QC Date: 17-01-2019

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