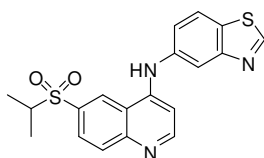




Certificate of Analysis

Axon Catalogue ID: 3024 **Batch Number:** 1
Product Name: GSK'872
Alternative Name(s): GSK2399872A
IUPAC Name: N-(6-(Isopropylsulfonyl)quinolin-4-yl)benzo[d]thiazol-5-amine

Structure:



Amount:

CAS number(s): 1346546-69-7
Molecular Formula: C₁₉H₁₇N₃O₂S₂ **Molecular Weight:** 383.49
Batch Molecular Formula: C₁₉H₁₇N₃O₂S₂ **Batch Molecular Weight:** 383.49
Appearance: Pale-yellow solid **Observed mp:** 117 °C
TLC (R_f): 0.21 DCM/MeOH (20:1)
Chemical Purity: 98.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.51, H 4.47, N 10.96; Found: C 59.38, H 4.45, N 10.97
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)	0.0	0.0	Insoluble
	0.1N HCl (aq)	30.0	78.2	
	DMSO	38.3	>100 mM	
	EtOH	0.0	0.0	Insoluble

Remarks:

QC Date: 05-03-2020

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