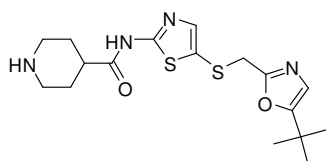




Certificate of Analysis

Axon Catalogue ID: 1614 **Batch Number:** 2
Product Name: SNS 032
Alternative Name(s): BMS 387032
IUPAC Name: N-(5-((5-tert-Butyloxazol-2-yl)methylthio)thiazol-2-yl)piperidine-4-carboxamide

Structure:



Amount:

CAS number(s): 345627-80-7
Molecular Formula: C₁₇H₂₄N₄O₂S₂ **Molecular Weight:** 380.53
Batch Molecular Formula: C₁₇H₂₄N₄O₂S₂·0.75H₂O **Batch Molecular Weight:** 394.04
Appearance: White solid **Observed mp:** 169.1 - 171.0 °C
TLC (R_f): 0.3 DCM/MeOH/NH₃ (1:1:0.1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 51.82, H 6.52, N 14.22; Found: C 51.88, H 6.50, N 14.30
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	14.0	35.5	Sonication enhances solubility
	DMSO	29.0	73.6	
	EtOH			Not Tested

Remarks:

QC Date: 06-02-2019

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