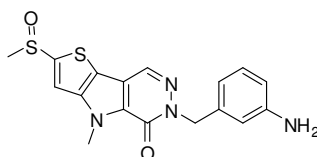




Certificate of Analysis

Axon Catalogue ID: 2240 **Batch Number:** 1
Product Name: TEPP 46
Alternative Name(s): ML 265
IUPAC Name: 6-[(3-Aminophenyl)methyl]-4,6-dihydro-4-methyl-2-(methylsulfinyl)-5H-Thieno[2',3':4,5]pyrrolo[2,3-d]pyridazin-5-one

Structure:



Amount:

CAS number(s): 1221186-53-3
Molecular Formula: C₁₇H₁₆N₄O₂S₂ **Molecular Weight:** 372.46
Batch Molecular Formula: C₁₇H₁₆N₄O₂S₂·0.5H₂O **Batch Molecular Weight:** 381.47
Appearance: Off-white solid **Observed mp:** 184 °C
TLC (R_f): 0.31 DCM/MeOH (20:1)
Chemical Purity: 99.0%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.52, H 4.49, N 14.69; Found: C 53.61, H 4.29, N 14.71
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)			Not Tested
	DMSO	38.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 02-05-2019

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