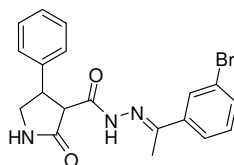




Certificate of Analysis

Axon Catalogue ID: 2898 **Batch Number:** 1
Product Name: AC 264613
Alternative Name(s): N.A.
IUPAC Name: N'-(1-(3-Bromophenyl)ethylidene)-2-oxo-4-phenylpyrrolidine-3-carbohydrazide

Structure:



Amount:

CAS number(s): 1051487-82-1
Molecular Formula: C₁₉H₁₈BrN₃O₂ **Molecular Weight:** 400.27
Batch Molecular Formula: C₁₉H₁₈BrN₃O₂·0.25H₂O **Batch Molecular Weight:** 404.77
Appearance: White solid **Observed mp:** 174.8 - 176.6 °C
TLC (R_f): 0.4 DCM/MeOH (20:1)
Chemical Purity: 98.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.38, H 4.61, N 10.38; Found: C 56.36, H 4.34, N 10.32
Storage Conditions: Store at -20 °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	40.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-03-2019

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