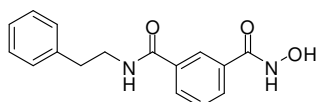




Certificate of Analysis

Axon Catalogue ID: 2471 **Batch Number:** 1
Product Name: BRD 73954
Alternative Name(s): N.A.
IUPAC Name: N1-Hydroxy-N3-phenethylisophthalamide

Structure:



Amount:

CAS number(s): 1440209-96-0
Molecular Formula: C₁₆H₁₆N₂O₃ **Molecular Weight:** 284.31
Batch Molecular Formula: C₁₆H₁₆N₂O₃·0.25H₂O **Batch Molecular Weight:** 288.81
Appearance: Beige solid **Observed mp:** 174 - 176 °C
TLC (R_f): 0.2 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.54, H 5.76, N 9.70; Found: C 66.23, H 5.55, N 9.77
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	28.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 03-09-2020

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