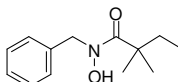




Certificate of Analysis

Axon Catalogue ID: 2677 **Batch Number:** 1
Product Name: RIPA-56
Alternative Name(s): N.A.
IUPAC Name: N-benzyl-N-hydroxy-2,2-dimethylbutanamide

Structure:



Amount:

CAS number(s): 1956370-21-0
Molecular Formula: C₁₃H₁₉NO₂ **Molecular Weight:** 221.30
Batch Molecular Formula: C₁₃H₁₉NO₂ **Batch Molecular Weight:** 221.30
Appearance: White solid **Observed mp:** 87 - 89 °C
TLC (R_f): 0.3 Hex/EtOAc (4:1)
Chemical Purity: 98.6%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 70.56, H 8.65, N 6.33; Found: C 70.95, H 9.06, N 6.41
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	22.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 13-4-2022

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