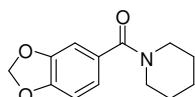




Certificate of Analysis

Axon Catalogue ID: 3088 **Batch Number:** 1
Product Name: 1-BCP
Alternative Name(s): BA-14
IUPAC Name: Benzo[d][1,3]dioxol-5-yl(piperidin-1-yl)methanone

Structure:



Amount:

CAS number(s): 34023-62-6
Molecular Formula: C₁₃H₁₅NO₃ **Molecular Weight:** 233.26
Batch Molecular Formula: C₁₃H₁₅NO₃ **Batch Molecular Weight:** 233.26
Appearance: White solid **Observed mp:** 56 °C
TLC (R_f): 0.76 DCM/MeOH (20:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 66.94, H 6.48, N 6.00; Found: C 66.89, H 6.55, N 5.75
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	18.5	79.4	Sonication at 40°C enhances solubility
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	23.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-03-2020

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