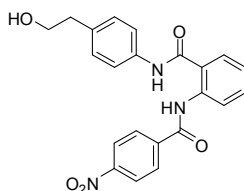




Certificate of Analysis

Axon Catalogue ID: 2508 **Batch Number:** 1
Product Name: KS 176
Alternative Name(s): N.A.
IUPAC Name: N-(4-(2-hydroxyethyl)phenyl)-2-(4-nitrobenzamido)benzamide

Structure:



Amount:

CAS number(s): 1253452-78-6
Molecular Formula: C₂₂H₁₉N₃O₅ **Molecular Weight:** 405.40
Batch Molecular Formula: C₂₂H₁₉N₃O₅ **Batch Molecular Weight:** 405.40
Appearance: Pale yellow solid **Observed mp:** 190 °C
TLC (R_f): 0.4 DCM/MeOH (9:1)
Chemical Purity: 98.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 65.18, H 4.72, N 10.36; Found: C 65.13, H 4.60, N 10.43
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	40.5	>100 mM	
	EtOH			Not Tested

Remarks: CAS registry [93129-94-3] specifically for mono hydrate

QC Date: 24-11-2015

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