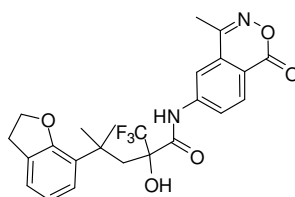


Certificate of Analysis

Axon Catalogue ID: 2239 **Batch Number:** 1
Product Name: (+)-ZK 216348
Alternative Name(s): N.A.
IUPAC Name: 4-(2,3-Dihydrobenzofuran-7-yl)-2-hydroxy-4-methyl-N-(4-methyl-1-oxo-1H-benzo[d][1,2]oxazin-6-yl)-2-(trifluoromethyl)pentanamide

Structure:



Amount:

CAS number(s): 669073-68-1
Molecular Formula: C₂₄H₂₃F₃N₂O₅ **Molecular Weight:** 476.45
Batch Molecular Formula: C₂₄H₂₃F₃N₂O₅·0.5H₂O **Batch Molecular Weight:** 485.45
Appearance: White solid **Observed mp:** 207 - 209 °C
TLC (R_f): 0.6 Hex/EtOAc (1:1)
Chemical Purity: 99.2%
Optical Purity (ee): 99.8%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.38, H 4.98, N 5.77; Found: C 59.66, H 4.81, N 5.99
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	48.5	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 19-12-2019

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