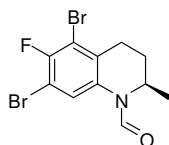




Certificate of Analysis

Axon Catalogue ID: 2830 **Batch Number:** 1
Product Name: (R)-CE3F4
Alternative Name(s): N.A.
IUPAC Name: (R)-5,7-Dibromo-6-fluoro-2-methyl-3,4-dihydroquinoline-1(2H)-carbaldehyde

Structure:



Amount:

CAS number(s): 1593478-56-8
Molecular Formula: C₁₁H₁₀Br₂FNO **Molecular Weight:** 351.01
Batch Molecular Formula: C₁₁H₁₀Br₂FNO **Batch Molecular Weight:** 351.01
Appearance: White solid **Observed mp:** 111.8 - 112.9 °C
TLC (R_f): 0.8 Hex/EtOAc (1:1)
Chemical Purity: 99.3%
Optical Purity (ee): 99.6%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 37.64, H 2.87, N 3.99; Found: C 37.72, H 2.85, N 3.84
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	35.1	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 25-01-2019

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