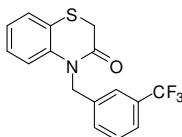




Certificate of Analysis

Axon Catalogue ID: 2094 **Batch Number:** 1
Product Name: NS 6180
Alternative Name(s): N.A.
IUPAC Name: 4-(3-(Trifluoromethyl)benzyl)-2H-benzo[b][1,4]thiazin-3(4H)-one

Structure:



Amount:

CAS number(s): 353262-04-1
Molecular Formula: C₁₆H₁₂F₃NOS **Molecular Weight:** 323.33
Batch Molecular Formula: C₁₆H₁₂F₃NOS **Batch Molecular Weight:** 323.33
Appearance: Off white solid **Observed mp:** 98 - 99 °C
TLC (R_f): 0.35 Hex/EtOAc (4:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 59.44, H 3.74, N 4.33; Found: C 59.45, H 3.88, N 4.31
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	32.3	>100 mM	
	EtOH	32.3	>100 mM	

Remarks:

QC Date: 19-8-2021

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