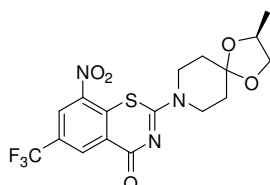




Certificate of Analysis

Axon Catalogue ID: 2698 **Batch Number:** 1
Product Name: BTZ043
Alternative Name(s): BTZ-10526043
IUPAC Name: (S)-2-(2-Methyl-1,4-dioxo-8-azaspiro[4.5]decan-8-yl)-8-nitro-6-(trifluoromethyl)-4H-benzo[e][1,3]thiazin-4-one

Structure:



Amount:

CAS number(s): 1161233-85-7
Molecular Formula: C₁₇H₁₆F₃N₃O₅S **Molecular Weight:** 431.39
Batch Molecular Formula: C₁₇H₁₆F₃N₃O₅S **Batch Molecular Weight:** 431.39
Appearance: Yellow solid **Observed mp:** 192.0 °C
TLC (R_f): 0.72 DCM/MeOH/TEA (20:1:0.1)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 47.33, H 3.74, N 9.74; Found: C 47.12, H 3.69, N 9.73
Storage Conditions: Store at -20 °C

Solubility Data:	Solvent	Solubility		Remarks
		(mg/ml)	(mM)	
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	13.0	30.1	
	EtOH			Not Tested

Remarks:

QC Date: 22-05-2017

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