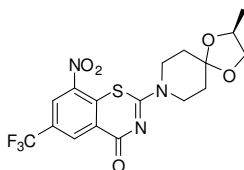




## Certificate of Analysis

**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:** C<sub>17</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub> **Molecular Weight:** 431.39  
**Batch Molecular Formula:** C<sub>17</sub>H<sub>16</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub> **Batch Molecular Weight:** 431.39  
**Appearance:** Yellow solid **Observed mp:** 192 °C  
**TLC (R<sub>f</sub>):** 0.72 DCM/MeOH/TEA (20:1:0.1)  
**Chemical Purity:** 99.9%  
**<sup>1</sup>H-NMR:** 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

Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
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:** 17-6-2022

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](mailto:info@axonmedchem.com) indicating Catalogue ID and Batch number.

**Caution: Not fully tested. For research purposes only**