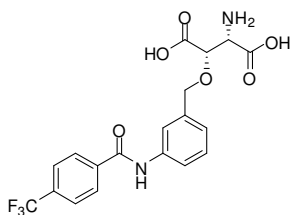




## Certificate of Analysis

**Axon Catalogue ID:** 2640 **Batch Number:** 1  
**Product Name:** TFB-TBOA  
**Alternative Name(s):** N.A.  
**IUPAC Name:** (2S,3S)-2-Amino-3-(3-(4-(trifluoromethyl)benzamido)benzyloxy)succinic acid

**Structure:**



**Amount:**

**CAS number(s):** 480439-73-4  
**Molecular Formula:** C<sub>19</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>6</sub> **Molecular Weight:** 426.34  
**Batch Molecular Formula:** C<sub>19</sub>H<sub>17</sub>F<sub>3</sub>N<sub>2</sub>O<sub>6</sub>.2.5H<sub>2</sub>O **Batch Molecular Weight:** 471.38  
**Appearance:** White solid **Observed mp:** >195 °C (decomp)  
**TLC (R<sub>f</sub>):** 0.6 nBuOH/AcOH/H<sub>2</sub>O (3:1:1)  
**Chemical Purity:** 99.6%  
**Optical Purity (ee):** 97.1%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 48.41, H 4.70, N 5.94; Found: C 48.26, H 4.34, N 5.85  
**Storage Conditions:** Store at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	7.2	15.3	
	0.1N HCl (aq)			Not Tested
	DMSO	36.0	76.4	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 8-3-2022

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**