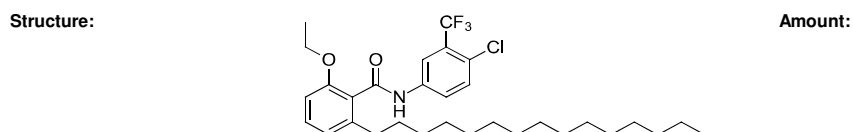




## Certificate of Analysis

**Axon Catalogue ID:** 4389 **Batch Number:** 1  
**Product Name:** CTPB  
**Alternative Name(s):** N.A.  
**IUPAC Name:** N-(4-Chloro-3-(trifluoromethyl)phenyl)2-ethoxy-6-pentadecylbenzamide



**CAS number(s):** 586976-24-1  
**Molecular Formula:** C<sub>31</sub>H<sub>43</sub>ClF<sub>3</sub>NO<sub>2</sub> **Molecular Weight:** 554.13  
**Batch Molecular Formula:** C<sub>31</sub>H<sub>43</sub>ClF<sub>3</sub>NO<sub>2</sub> **Batch Molecular Weight:** 554.13  
**Appearance:** White solid **Observed mp:** 61.5 - 62.5 °C  
**TLC (R<sub>f</sub>):** 0.3 Hex/EtOAc (9:1)  
**Chemical Purity:** 99.3%  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 67.19, H 7.82, N 2.53; Found: C 67.36, H 8.05, N 2.43  
**Storage Conditions:** Store at -20 °C

| <b>Solubility Data:</b> | <b>Solvent</b> | <b>Solubility (mg/ml)</b> | <b>Solubility (mM)</b> | <b>Remarks</b> |
|-------------------------|----------------|---------------------------|------------------------|----------------|
|                         | Water          | 0.0                       | 0.0                    | Insoluble      |
|                         | 0.1N NaOH (aq) |                           |                        | Not Tested     |
|                         | 0.1N HCl (aq)  |                           |                        | Not Tested     |
|                         | DMSO           | 55.4                      | >100 mM                |                |
|                         | EtOH           | 55.4                      | >100 mM                |                |

**Remarks:**

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**