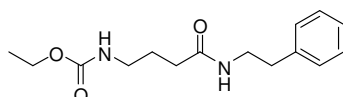




## Certificate of Analysis

**Axon Catalogue ID:** 2495 **Batch Number:** 1  
**Product Name:** Santacruzamate A  
**Alternative Name(s):** CAY 10683  
**IUPAC Name:** Ethyl 4-oxo-4-(phenethylamino)butylcarbamate

**Structure:**



**Amount:**

**CAS number(s):** 1477949-42-0  
**Molecular Formula:** C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub> **Molecular Weight:** 278.35  
**Batch Molecular Formula:** C<sub>15</sub>H<sub>22</sub>N<sub>2</sub>O<sub>3</sub> **Batch Molecular Weight:** 278.35  
**Appearance:** White solid **Observed mp:** 113.2 - 113.9 °C  
**TLC (R<sub>f</sub>):** 0.43 DCM/MeOH (20:1)  
**Chemical Purity:** 99.7%  
**Optical Purity (ee):** N.A.  
**<sup>1</sup>H-NMR:** Analytical data confirm chemical structure  
**Mass Spec:** Analytical data confirm chemical structure  
**Microanalysis:** Calculated: C 64.73, H 7.97, N 10.06; Found: C 64.58, H 8.15, N 10.16  
**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	27.8	>100 mM	
	EtOH			Not Tested

**Remarks:**

**QC Date:** 15-10-2020

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**