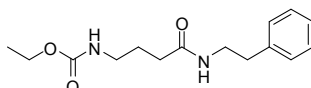




Certificate of Analysis

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: 1477949-42-0
Batch Molecular Formula: C₁₅H₂₂N₂O₃ **Batch MW:** 278.35
Appearance: White solid **Observed mp:** 113.2 - 113.9 °C
TLC (R_f): 0.43 DCM/MeOH (20:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): 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: 22-09-2015

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