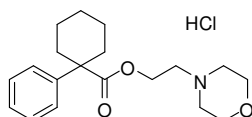




Certificate of Analysis

Axon Catalogue ID: 3063 **Batch Number:** 1
Product Name: PRE-084 hydrochloride
Alternative Name(s): N.A.
IUPAC Name: 2-Morpholinoethyl 1-phenylcyclohexanecarboxylate hydrochloride

Structure:



Amount:

CAS number(s): 138847-85-5 (parent), 75136-54-8 (HCl (1:1))
Molecular Formula: C₁₉H₂₇NO₃.HCl **Molecular Weight:** 353.88
Batch Molecular Formula: C₁₉H₂₇NO₃.HCl **Batch Molecular Weight:** 353.88
Appearance: White solid **Observed mp:** 186.2 - 187.8 °C
TLC (R_f): 0.9 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 99.6%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 64.49, H 7.98, N 3.96; Found: C 64.23, H 8.03, N 3.96
Storage Conditions: Desiccate at -20 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|------------------|----------------|--------------------|-----------------|------------|
| | Water | | 6.3 | |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | | | Not Tested |
| | DMSO | 8.7 | 24.6 | |
| | EtOH | | | Not Tested |

Remarks:

QC Date: 21-01-2020

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 indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only