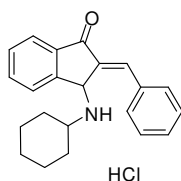


Certificate of Analysis

Axon Catalogue ID: 2852 **Batch Number:** 2
Product Name: BCI hydrochloride
Alternative Name(s): NSC 150117 hydrochloride
IUPAC Name: 2-Benzylidene-3-(cyclohexylamino)-2,3-dihydro-1H-inden-1-one hydrochloride

Structure:



Amount:

CAS number(s): 15982-84-0 (parent), 95130-23-7 (HCl (1:1))
Molecular Formula: C₂₂H₂₃NO.HCl **Molecular Weight:** 353.89
Batch Molecular Formula: C₂₂H₂₃NO.HCl **Batch Molecular Weight:** 353.89
Appearance: Off-white solid **Observed mp:** >201 °C (decomp)
TLC (R_f): 0.3 DCM (100%)
Chemical Purity: 100%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 74.67, H 6.84, N 3.96; Found: C 75.01, H 6.98, N 4.01
Storage Conditions: Desiccate at -20 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	18.7	52.8	
	EtOH			Not Tested

Remarks:

QC Date: 18-07-2019

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