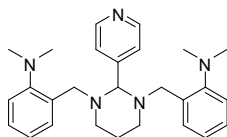




Certificate of Analysis

Axon Catalogue ID: 2642 **Batch Number:** 1
Product Name: GANT61
Alternative Name(s): NSC 136476
IUPAC Name: 2,2'-(2-(pyridin-4-yl)dihydropyrimidine-1,3(2H,4H)-diyl)bis(methylene)bis(N,N-dimethylaniline)

Structure:



Amount:

CAS number(s): 500579-04-4
Molecular Formula: C₂₇H₃₅N₅ **Molecular Weight:** 429.60
Batch Molecular Formula: C₂₇H₃₅N₅ **Batch Molecular Weight:** 429.60
Appearance: White solid **Observed mp:** 111 - 112 °C
TLC (R_f): 0.54 Hexane/EtOAc/TEA (9:1:1)
Chemical Purity: 99.5%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 75.49, H 8.21, N 16.30; Found: C 75.66, H 8.27, N 16.32
Storage Conditions: Store 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	5.8	13.4	
	EtOH	24.0	55.9	

Remarks: Suspected instability in acidic aqueous solution.

QC Date: 24-01-2017

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