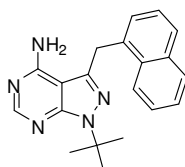




Certificate of Analysis

Axon Catalogue ID: 1892 **Batch Number:** 1
Product Name: 1-NM-PP1
Alternative Name(s): N.A.
IUPAC Name: 1-tert-Butyl-3-(naphthalen-1-ylmethyl)-1H-pyrazolo[3,4-d]pyrimidin-4-amine

Structure:



Amount:

CAS number(s): 221244-14-0
Molecular Formula: C₂₀H₂₁N₅ **Molecular Weight:** 331.41
Batch Molecular Formula: C₂₀H₂₁N₅ **Batch Molecular Weight:** 331.41
Appearance: White solid **Observed mp:** 176 - 178 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 99.9%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.48, H 6.39, N 21.13; Found: C 72.67, H 6.31, N 21.06
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)			Poorly soluble, < 4.5 mg/mL
	DMSO	32.0	96.6	
	EtOH			Not Tested

Remarks:

QC Date: 24-07-2012

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