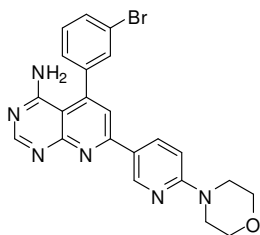




Certificate of Analysis

Axon Catalogue ID: 2289 **Batch Number:** 1
Product Name: ABT 702
Alternative Name(s): N.A.
IUPAC Name: 5-(3-bromophenyl)-7-(6-morpholinopyridin-3-yl)pyrido[2,3-d]pyrimidin-4-amine

Structure:



Amount:

CAS number: 214697-26-4
Batch Molecular Formula: C₂₂H₁₉BrN₆O_{0.4}H₂O **Batch MW:** 470.54
Appearance: Yellow solid **Observed mp:** 265 °C (decomp)
TLC (R_f): 0.38 DCM/MeOH/NH₃ (20:1:0.1)
Chemical Purity: 99.0%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.16 , H 4.24 , N 17.86 Found: C 55.79 , H 3.84 , N 17.77
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)	12.5	26.6	
	DMSO	23.6	50.2	
	EtOH			Not Tested

Remarks:

QC Date: 07-01-2015

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