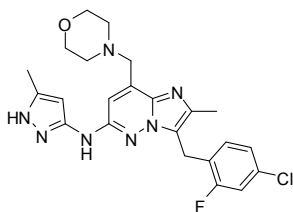




Certificate of Analysis

Axon Catalogue ID: 2554 **Batch Number:** 1
Product Name: LY 2784544
Alternative Name(s): Ganotiniib
IUPAC Name: 3-(4-Chloro-2-fluorobenzyl)-2-methyl-N-(5-methyl-1H-pyrazol-3-yl)-8-(morpholinomethyl)imidazo[1,2-b]pyridazin-6-amine

Structure:



Amount:

CAS number(s): 1229236-86-5
Molecular Formula: C₂₃H₂₅ClFN₇O **Molecular Weight:** 469.94
Batch Molecular Formula: C₂₃H₂₅ClFN₇O.0.75H₂O **Batch Molecular Weight:** 483.45
Appearance: Pale-yellow solid **Observed mp:** 133 - 135 °C
TLC (R_f): 0.58 DCM/MeOH (9:1)
Chemical Purity: 99.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 57.14, H 5.52, N 20.28; Found: C 57.10, H 5.40, N 20.24
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)	3.9	8.1	
	DMSO	33.0	68.3	
	EtOH			Not Tested

Remarks:

QC Date: 16-03-2016

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