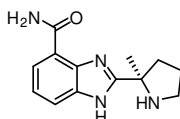




Certificate of Analysis

Axon Catalogue ID: 1593 **Batch Number:** 4
Product Name: Veliparib
Alternative Name(s): ABT-888
IUPAC Name: (R)-2-(2-Methylpyrrolidin-2-yl)-1H-benzo[d]imidazole-4-carboxamide

Structure:



Amount:

CAS number(s): 912444-00-9
Molecular Formula: C₁₃H₁₆N₄O **Molecular Weight:** 244.29
Batch Molecular Formula: C₁₃H₁₆N₄O.0.125H₂O **Batch Molecular Weight:** 246.54
Appearance: Off-white solid **Observed mp:** 184 - 186 °C
TLC (R_f): 0.4 DCM/MeOH/NH₃ (9:1:0.1)
Chemical Purity: 99.0%
Optical Purity (ee): 100%
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 63.33, H 6.64, N 22.72; Found: C 63.23, H 6.67, N 22.74
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)	0.0	0.0	Insoluble
	DMSO	21.2	86.0	
	EtOH			Not Tested

Remarks:

QC Date: 12-2-2019

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