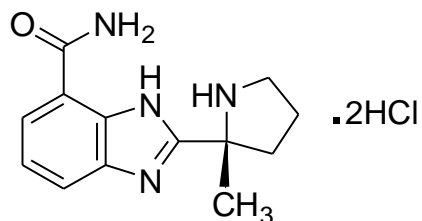


Certificate of Analysis



Product Name:	ABT-888
IUPAC Name	2-[(2 <i>R</i>)-2-Methylpyrrolidin-2-yl]-1 <i>H</i> -benimidazole-4-carboxamide, dihydrochloride salt
Synonym:	Veliparib
CAS No:	912445-05-7
Prod. No:	CT-A888
Lot No:	A888-04
Batch Empirical Formula Batch Empirical Wt.	C ₁₃ H ₁₆ N ₄ O • 2HCl 317.21
Solubility	Soluble in DMSO, Water
Storage	Store at 0-4 °C (short term), -20 °C (long term), desiccated

Appearance	Off-white crystalline powder
Quality Control	¹ HNMR: [✓] MS: [✓] HPLC: [✓] Chiral HPLC: [✓] Quantitative Elemental Analysis: [✓] C₁₃H₁₆N₄O • 2HCl Calculated: C: 49.22%; H: 5.72%; N: 17.66% Found: C: 49.08%; H: 5.80%; N: 17.60%
M.P.	> 240 °C (decomposes)
[α]²⁰_D	+ 11.5 ° (c 1.006, H ₂ O)
Optical Purity (e.e)	> 99% (Chiral HPLC)
Chemical Purity	> 99% (HPLC at 220 and 254 nm)