## CERTIFICATE OF ANALYSIS

NO: DYC021401064

Product name	Bortezomib
CAS Number	179324-69-7
Molecule Structure	ZI ZI ZI OH OH OH OH OH OH OH OH OH OH OH OH OH
Batch No.	20121212
Manuf. Date	2012-12-12
<b>Testing Date:</b>	2012-11-28

Items	Standard	Result
Description	White or off-white powder	white powder
Specific rotation	-41.8~ -46°	-43.2°
LC/MS	Conformity with the structure	Conform
NMR	Conformity with the structure	Conform
Loss on drying	0.5% max	0.35%
Related substances	Total impurities: NMT 1.0% Single impurity: NMT 0.1%	Conforms
Assay(HPLC)	99.5% max	99.8
Keep at −20 °C for lon	g term storage.	1

Hangzhou Dingyan Chem Co. Ltd. Men
QUALITY CONTROL: XMeTen CHECK:姚仙娟

CHECK:姚仙娟 INSPECTOR: 刘清风