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## CERTIFICATE OF ANALYSIS

Analysis Date:

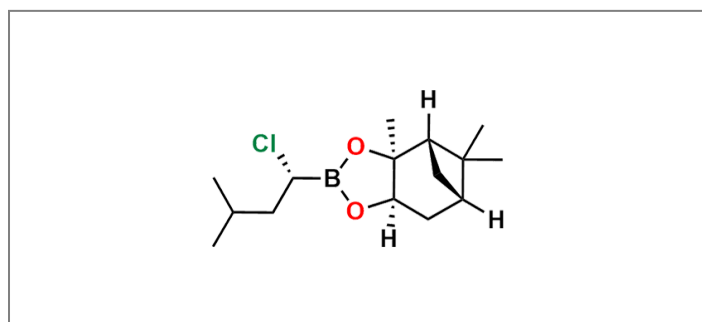
Re-test Date:

**Product Name: Bortezomib Impurity 52**

### Identification:

Chemical Name: (3aS,4S,6S,7aR)-2-((R)-1-chloro-3-methylbutyl)-3a,5,5-trimethylhexahydro-4,6-methanobenzo[d][1,3,2]dioxaborole

Synonyms : NA  
CAS Number : 87304-47-0  
CAT Number : CP-B34068  
Molecular Formula : C<sub>15</sub>H<sub>26</sub>BClO<sub>2</sub>  
Molecular Weight : 284.63



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.