

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Nemadectin Impurity 1**

### Identification:

Chemical Name: (6R,25S)-5-O-demethyl-28-deoxy-25-[(1E)-1,3-dimethyl-1-buten-1-yl]-6,28-epoxy-23-oxo-Milbemycin B

Synonyms : NA

Structure not available

CAS Number : 112124-81-9

CAT Number : CP-N113001

Molecular Formula : C36H50O8

Molecular Weight : 610.79

### 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	>98%
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.