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## CERTIFICATE OF ANALYSIS

Analysis Date:

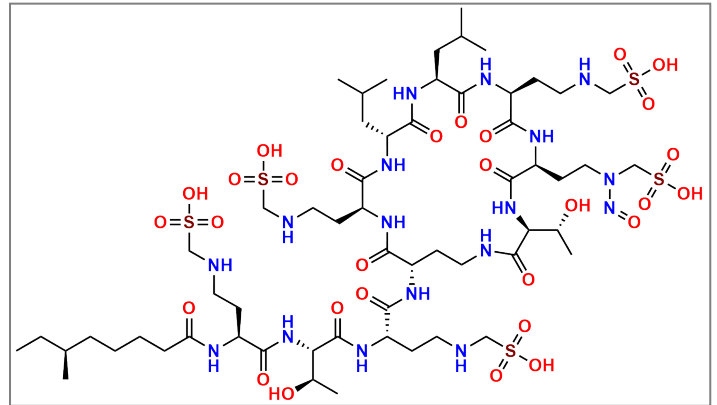
Re-test Date:

**Product Name: N-Nitroso Polymyxin B Impurity 5**

### Identification:

Chemical Name: (5S,8S,11S)-8-((R)-1-hydroxyethyl)-5-(((3S,6S,9S,12S,15R,18S,21S)-3-((R)-1-hydroxyethyl)-12,15-diisobutyl-6-(2-(nitroso(sulfomethyl)amino)ethyl)-2,5,8,11,14,17,20-heptaaxo-9,18-bis(2-((sulfomethyl)amino)ethyl)-1,4,7,10,13,16,19-heptaazacyclotricosan-21-yl)carbamoyl)-11-((S)-6-methyloctanamido)-7,10-dioxo-2,6,9,14-tetraazapentadecane-1,15-disulfonic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-P142005  
Molecular Formula : C<sub>58</sub>H<sub>109</sub>N<sub>17</sub>O<sub>29</sub>S<sub>5</sub>  
Molecular Weight : 1668.9



### 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

Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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