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CERTIFICATE OF ANALYSIS

Analysis Date: Re-test Date:

Product Name: Vindesine EP Impurity A

Identification:

Chemical Name: (5S,7R,9S)-9-((3aR,3a1R,4R,5S,5aR,10bR)-5-carbamoyl-3a-ethyl-4,5-dihydroxy-8-methoxy-6-methyl-3a,3a1,4,5,5a,6,11,12-octahydro-1H-indolizino[8,1-cd]carbazol-9-yl)-5-ethyl-5-hydroxy-9-(methoxycarbonyl)-1,4,5,6,7,8,9,10-octahydro-3,7-methano[1]azacycloundecino[5,4-b]indole 3(2H)-oxide

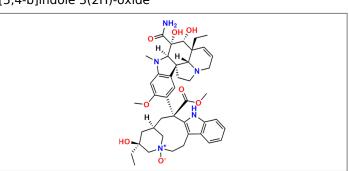
Synonyms : Vindesine 3'-N-oxide

CAS Number : NA

CAT Number : CP-V62003

Molecular Formula : C43H55N5O8

Molecular Weight : 769.95



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

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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.