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CERTIFICATE OF ANALYSIS

Analysis Date:

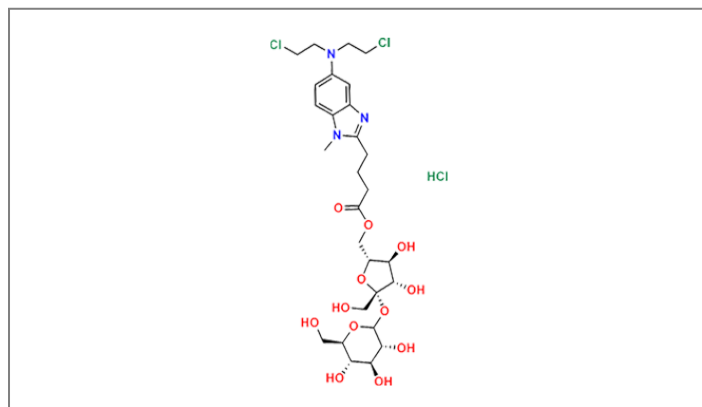
Re-test Date:

Product Name: Bendamustine Impurity 4 (Mixture of Isomers)

Identification:

Chemical Name: ((2R,3S,4S,5S)-3,4-dihydroxy-5-(hydroxymethyl)-5-(((3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)tetrahydro-2H-pyran-2-yl)oxy)tetrahydrofuran-2-yl)methyl 4-(5-(bis(2-chloroethyl)amino)-1-methyl-1H-benzo[d]imidazol-2-yl)butanoate hydrochloride

Synonyms : NA
CAS Number : NA
CAT Number : CP-B7026
Molecular Formula : C₂₈H₄₁Cl₂N₃O₁₂ : HCl
Molecular Weight : 682.54 : 36.5



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.