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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

Re-test Date: Nov 2026

Product Name: Bendamustine USP Related Compound A

Identification:

Chemical Name: 4-{5-[Bis(2-hydroxyethyl)amino]-1-methyl-1H-benzimidazol-2-yl}butanoic acid (as per USP)

Synonyms : Bendamustine Dihydroxy
Impurity

CAS Number : 109882-30-6

CAT Number : CP-B7001

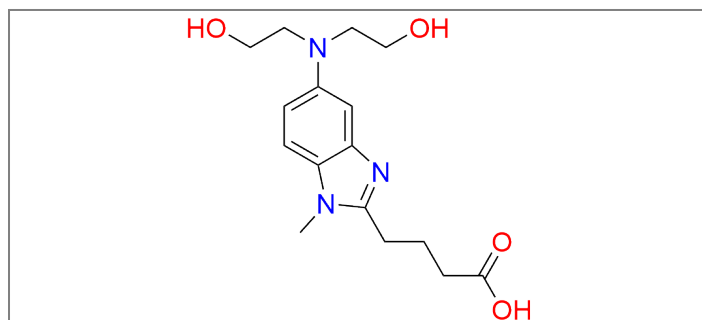
Molecular Formula : C₁₆H₂₃N₃O₄

Molecular Weight : 321.37

Batch Number : CP-BEN-RC-A-1223

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.94%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.