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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2023

Re-test Date: Nov 2026

Product Name: Bendamustine USP Related Compound I

Identification:

Chemical Name: Ethyl 5-[bis(2-chloroethyl)amino]-1-methyl-1H-benzimidazole-2-butanoate

Synonyms : Bendamustine Acid Ethyl Ester

CAS Number : 87475-54-5

CAT Number : CP-B7009

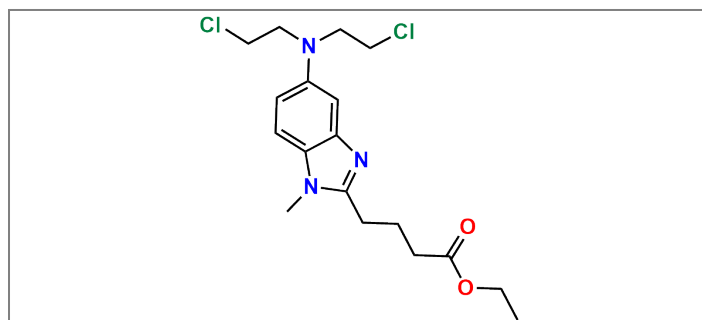
Molecular Formula : C₁₈H₂₅Cl₂N₃O₂

Molecular Weight : 386.32

Batch Number : CP-BEN-RCI-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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.12%
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.