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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Bendamustine USP Related Compound B**

#### Identification:

Chemical Name: 4-(1-Methyl-5-morpholino-1H-benzo[d]imidazol-2-yl)butanoic acid hydrochloride

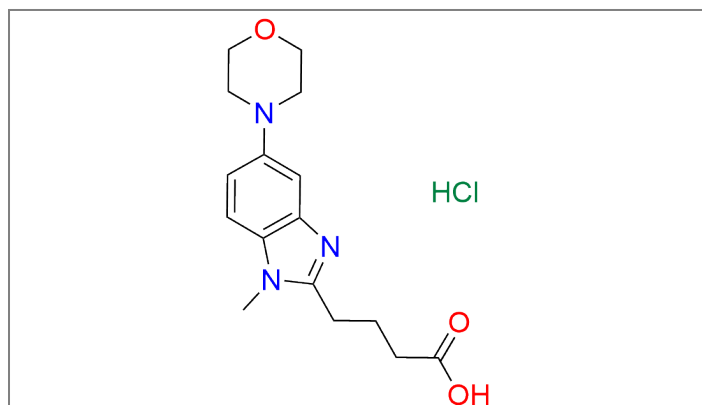
Synonyms : Bendamustine Ether Impurity

CAS Number : 2173004-95-8

CAT Number : CP-B7016

Molecular Formula : C<sub>16</sub>H<sub>21</sub>N<sub>3</sub>O<sub>3</sub> : HCl

Molecular Weight : 303.33 : 36.46



#### 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**

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.