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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025

Re-test Date: Nov 2028

**Product Name: Bendamustine Impurity 32**

### Identification:

Chemical Name: 4-(6-Nitro-1H-benzo[d]imidazol-2-yl)butanoic acid

Synonyms : NA

CAS Number : 797780-83-7

CAT Number : CP-B7073

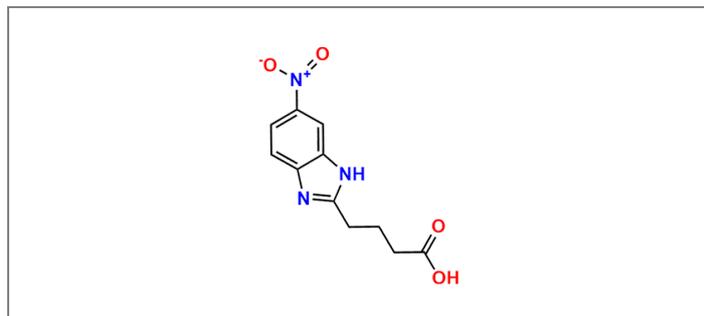
Molecular Formula : C<sub>11</sub>H<sub>11</sub>N<sub>3</sub>O<sub>4</sub>

Molecular Weight : 249.2

Batch Number : CP-34-106-A

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 MeOH/ DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.53%
5)	1HNMR	Confirm to Structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.