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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: 4-(1-Methyl-5-nitro-1H-benzo[d]imidazol-2-yl)butanoic Acid

Identification:

Chemical Name: 4-(1-methyl-5-nitro-1H-benzo[d]imidazol-2-yl)butanoic acid

Synonyms : NA

CAS Number : 31349-48-1

CAT Number : CP-B7010

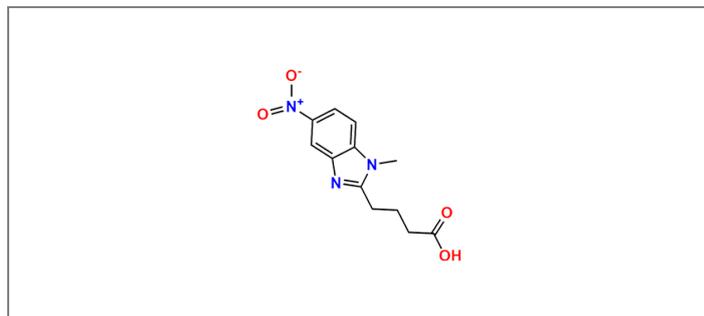
Molecular Formula : C₁₂H₁₃N₃O₄

Molecular Weight : 263.25

Batch Number : CP-34-132

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	99.44%
5)	¹ HNMR	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.