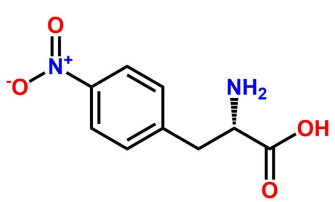


CERTIFICATE OF ANALYSIS

Date: 05-11-2024

Product Name	Melphalan Impurity 1		
Chemical Name	4-Nitro-L-phenylalanine		
Structure	 <p>The image shows the chemical structure of 4-Nitro-L-phenylalanine. It consists of a benzene ring with a nitro group (-NO₂) at the para position. Attached to the ring is a side chain: -CH₂-CH(NH₂)-COOH. The amino group (-NH₂) is shown with a wedge bond, indicating its stereochemistry. The carboxylic acid group (-COOH) is also shown with a wedge bond to the alpha carbon.</p>		
Inv. Status	In Stock	CAS No.	949-99-5
Analysis Date	-	Retest Date	-
Mol. Formula	C ₉ H ₁₀ N ₂ O ₄	Molecular Wt.	210.2
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
¹ H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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