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## CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

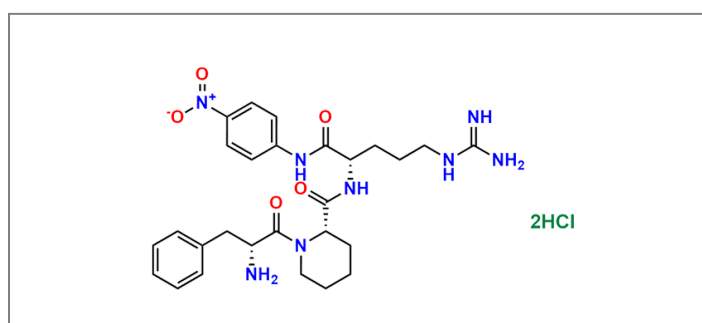
Re-test Date: Nov 2027

**Product Name: H-D-Phe-Pip-Arg-pNA dihydrochloride**

### Identification:

Chemical Name: (S)-1-(D-Phenylalanyl)-N-((S)-5-guanidino-1-((4-nitrophenyl)amino)-1-oxopentan-2-yl)piperidine-2-carboxamide dihydrochloride

Synonyms : NA  
CAS Number : 62354-65-8  
CAT Number : CP-CS2843  
Molecular Formula : C<sub>27</sub>H<sub>36</sub>N<sub>8</sub>O<sub>5</sub> : 2(HCl)  
Molecular Weight : 552.64 : 2(36.46)  
Batch Number : CP-HDP-ADH-1224  
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	Yellow Solid
2)	Solubility	Soluble in Methanol/D2O
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	93.60 %
5)	H1NMR	Confirm to Structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	4.205%
9)	Potency by TGA	89.66%



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(QA Head)

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