



CERTIFICATE of ANALYSIS

PRODUCT:	Phosphoramidon [N-(α -Rhamnopyranosyloxyhydroxyphosphinyl)-L-leucyl-L-tryptophan] C ₂₃ H ₃₄ N ₃ O ₁₀ P • 2Na, M.W. 587.5, CAS# [119942-99-3]
PRODUCT NUMBER:	P-1101
LOT NUMBER:	B1322A
APPEARANCE:	White to slightly yellow solid.
SOLUBILITY:	Soluble in water, DMSO or methanol.
PURITY:	\geq 97%
APPLICATION NOTES:	Inhibits neutral endopeptidase 24.11 (NEP, neprilysin; EC 3.4.24.11) ($K_i = 2\text{nM}$), a cell surface zinc metalloprotease which cleaves bioactive peptides such as bradykinin, neurotensin, and enkephalin. Also inhibits neprilysin 2 ($K_i \sim 2\text{nM}$). Potent inhibitor of endothelin-converting enzyme (ECE) ($IC_{50} = 0.68\mu\text{M}$).
STORAGE & HANDLING:	Keep cool and dry at -20°C . Store solutions at -20°C for up to 3 months.

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: DD