

CERTIFICATE OF ANALYSIS

PRODUCT:	Phosphoramidon [N-(α -Rhamnopyranosyloxyhydroxyphosphinyl)-L-leucyl-L-tryptophan . 2Na] C ₂₃ H ₃₂ N ₃ O ₁₀ P • 2Na, M.W. 587.5, CAS# [119942-99-3]
PRODUCT NUMBER:	P-1101
LOT NUMBER:	H1084
APPEARANCE:	White powder
SOLUBILITY:	Soluble in water, DMSO or methanol.
PURITY (TLC):	>97%
NMR:	Conforms
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:	Store desiccated 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: SK