Phosphoramidon

Neprilysin inhibitor

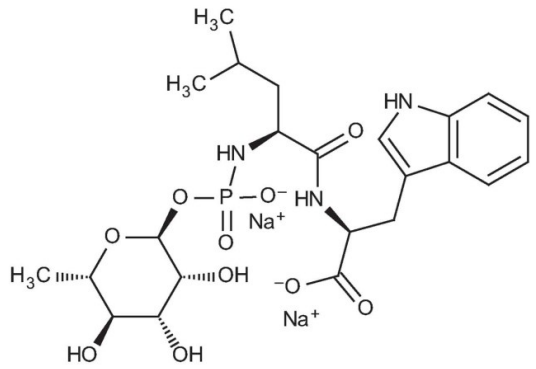
Inhibits neutral endopeptidase 24.11 (NEP, neprilysin; EC 3.4.24.11) (K_i =2nM), a cell surface zinc metalloprotease which cleaves bioactive peptides such as bradykinin, neurotensin, and enkephalin. Also inhibits neprilysin 2 (K_i~2nM). Potent inhibitor of endothelin-converting enzyme (ECE) (IC_{50}=0.68μM).

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Ordering Information Order Online »

BML-PI111-0005	5mg
BML-PI111-0025	25mg

Manuals, SDS & CofA View Online »


H3C
H3C
HN
O
HN
O
P
O−
Na+
HN
O
H3C
OH
−O
O
Na+
HO
OH

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stable for at least 1 year after receipt when stored at -20°C. Stock solutions are stable for up to 3 months at -20°C.
Long Term Storage	-20°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-(α-Rhamnopyranosyloxyhydroxyphosphinyl)-L-leucyl-L-tryptophan
Appearance	White to slightly yellow solid.
CAS	119942-99-3
Formula	$C_{23}H_{34}N_3O_{10}P$. 2Na
MW	541.5 . 46.0
Purity	≥97% (HPLC)
Sequence	N-(α-Rhamnopyranosyloxyhydroxyphosphinyl)-Leu-Trp . 2Na
Solubility	Soluble in water, DMSO or methanol.
Technical Info / Product Notes	Note: Product is not sterile.

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