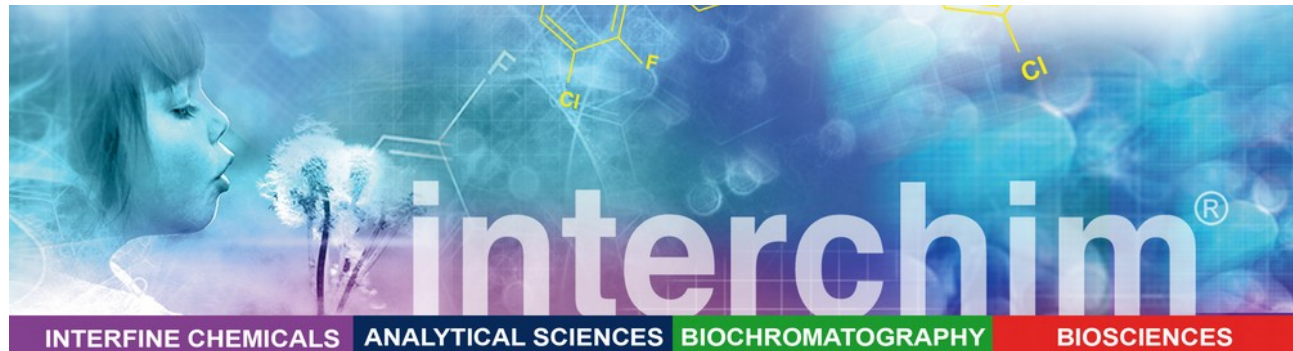


FT-348112

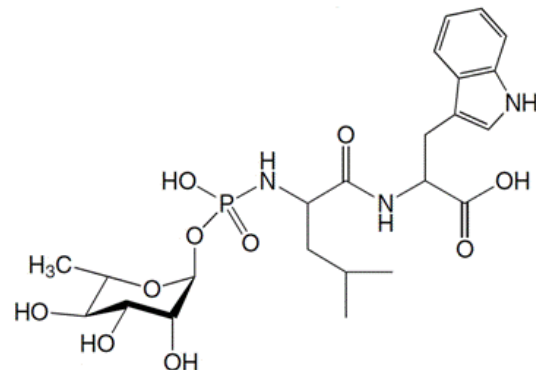


## Phosphoramidon

*Inhibitor for Thermolysin, Neutral Endopeptidase-24.11 (ANP Degradation Enzyme), and Endothelin Converting Enzyme*

### Description

<b>Name :</b>	<b>Phosphoramidon</b> <i>N</i> -( $\alpha$ -Rhamnopyranosyloxyhydroxyphosphinyl)-L-leucyl-L-tryptophan disodium salt dihydrate
<b>MW:</b>	<b>541.49</b> • 45.98 • 36.03 <b>C<sub>23</sub>H<sub>32</sub>N<sub>3</sub>O<sub>10</sub>P • 2Na • 2H<sub>2</sub>O</b>
<b>Catalog Number:</b>	348112, 25 mg      348113, 100 mg
<b>CAS:</b>	119942-99-3
<b>Purity:</b>	≥90.0% (HPLC), TLC single spot
<b>Storage:</b>	-20°C (L)



Phosphoramidon is a very potent inhibitor for Thermolysin, Neutral Endopeptidase-24.11 (ANP Degradation Enzyme) and Endothelin Converting Enzyme (ECE)

Phosphoramidon is a less toxic enzyme inhibitor isolated from culture media of several actinomycetes and inhibits thermolysin, bacterial metallo-endopeptidases and mammalian enkephalinase. The sodium salt is soluble in water, methanol and DMSO.

### References:

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- Y. Matsumura, K. Hisaki, M. Takaoka and S. Morimoto, Eur. J. Pharmacol., 185, 103 (1990) (Pharmacol.)
- B.P. Roques and A. Beaumont, Trends Pharmacol. Sci., 11, 245 (1990)

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