

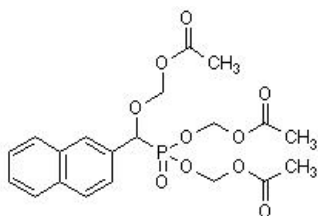
Product datasheet

# HNMPA-(AM)3, Insulin receptor tyrosine kinase inhibitor ab141567

1 References

Overview

<b>Product name</b>	HNMPA-(AM)3, Insulin receptor tyrosine kinase inhibitor
<b>Description</b>	Insulin receptor tyrosine kinase inhibitor
<b>Biological description</b>	Insulin receptor tyrosine kinase inhibitor (IC <sub>50</sub> = 100 μM). Inhibits serine and tyrosine autophosphorylation by the human insulin receptor. Cell-permeable analog of HNMPA (cell impermeable analog available <a href="#">ab141566</a> ).
<b>Purity</b>	> 98%
<b>General notes</b>	Product's appearance is colorless oil
<b>CAS Number</b>	120944-03-8
<b>Chemical structure</b>	



Properties

<b>Chemical name</b>	<i>P</i> -[[[(Acetyloxy)methoxy]-2-naphthalenylmethyl]-bis[(acetyloxy)methyl] ester phosphonic acid
<b>Molecular weight</b>	454.36
<b>Molecular formula</b>	C <sub>20</sub> H <sub>23</sub> O <sub>10</sub> P
<b>PubChem identifier</b>	3619
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in ethanol to 25 mM and in DMSO to 25mM
<b>Handling</b>	Unstable; make up solutions fresh and use immediately. Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	CC(=O)OCOC(C1=CC2=CC=CC=C2C=C1)P(=O)(OCOC(=O)C)OCOC(=O)C
<b>Source</b>	Synthetic

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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