

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

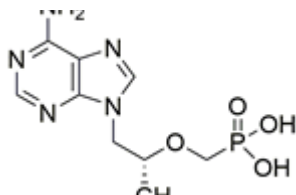
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	38308
<b>Product</b>	<b>Tenofovir</b> (R)-[[2-(6-Amino-9H-purin-9-yl)-1-methylethoxy]methyl]phosphonic (R)-PMPA, (R)-9-(2-Phosphonomethoxypropyl)adenine
<b>CAS Number</b>	147127-20-6
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>14</sub> N <sub>5</sub> O <sub>4</sub> P
<b>Molecular Weight</b>	287.22

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<b>Appearance</b>	White to off-white powder
<b>Water Content (Karl Fisher)</b>	≤ 5%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -19 to -23 °
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	Individual impurity : ≤ 1% Total impurities : ≤ 3%
<b>Sulfated Ash</b>	≤ 1.5%
<b>Purity by HPLC</b>	97 - 101%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**