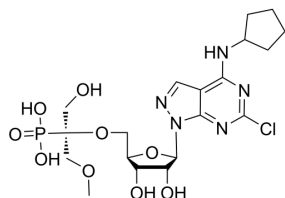


## Certificate of Analysis

<b>Product Name:</b>	OP-5244
<b>Cat. No.:</b>	CS-0135638
<b>CAS No.:</b>	2381268-71-7
<b>Batch No.:</b>	109268
<b>Chemical Name:</b>	((R)-2-(((2R,3S,4R,5R)-5-(6-Chloro-4-(cyclopentylamino)-1H-pyrazolo[3,4-d]pyrimidin-1-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methoxy)-1-hydroxy-3-methoxypropan-2-yl)phosphonic acid

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>19</sub> H <sub>29</sub> ClN <sub>5</sub> O <sub>9</sub> P
<b>Molecular Weight:</b>	537.89
<b>Storage:</b>	2-8°C, sealed storage, away from moisture and light
<b>Chemical Structure:</b>	



### ANALYTICAL DATA

<b>Appearance:</b>	White to pink (Solid)
<b><sup>1</sup>H NMR Spectrum:</b>	Consistent with structure
<b>MS:</b>	Consistent with structure
<b>Purity (HPLC):</b>	99.07%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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