**m^7GMP-α-F**

(m^7GpF)

7-Methyl-guanosine-5’-(α-fluoro)-monophosphate
7-Methyl-guanosine-5’-(1-fluoro)-monophosphate

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-944-5</td>
<td>5 mg</td>
</tr>
<tr>
<td>NU-944-25</td>
<td>25 mg</td>
</tr>
</tbody>
</table>

**Structural formula of m^7GMP-α-F**

*For in vitro use only!*

**Shipping:** shipped on blue ice

**Storage Conditions:** store at -20 °C

Short term exposure (up to 1 week cumulative) to ambient temperature possible.

**Shelf Life:** 12 months after date of delivery

**Molecular Formula:** C_{11}H_{15}FN_{5}O_{7}P

**Molecular Weight:** 379.24 g/mol

**Exact Mass:** 379.07 g/mol

**CAS#:** 1698011-01-6 (inner salt)

**Purity:** ≥ 95 % (HPLC)

**Form:** solid

**Spectroscopic Properties:** λ_{max} 258/280 nm, ε 9.8/8.0 L mmol^{-1} cm^{-1} (Tris-HCl pH 7.5)

**Applications:**

Substrate for human mRNA decapping scavenger enzyme

**Selected References:**
