5-Formyl-dC
fdC, 5-Formyl-2’-deoxycytidine

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-1069-5</td>
<td>5 mg</td>
</tr>
<tr>
<td>N-1069-10</td>
<td>10 mg</td>
</tr>
</tbody>
</table>

Structural formula of 5-Formyl-dC

For research use only!

Applications:
Epigenetic research[1]
Use in epigenetic therapy[2]
Metabolism of dC substituted at position 5[3,4]

Selected References:


Shipping: shipped at ambient temperature
Storage Conditions: store at -20 °C
Short term exposure (up to 1 week cumulative) to ambient temperature possible.
Shelf Life: 24 months after date of delivery

Molecular Formula: C_{10}H_{13}N_{3}O_{5}
Molecular Weight: 255.23 g/mol
Exact Mass: 255.09 g/mol
CAS#: 137017-45-9
Purity: ≥ 95 % (HPLC)
Form: white to off-white powder

Spectroscopic Properties: \( \lambda_{\text{max}} = 283 \text{ nm, } \varepsilon = 11.0 \text{ L mmol}^{-1} \text{ cm}^{-1} \) (Tris-HCl pH 7.5)