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## Product Specifications

**Product Name:**

**N<sup>2</sup>-Isobutyryl-2'-deoxyguanosine**

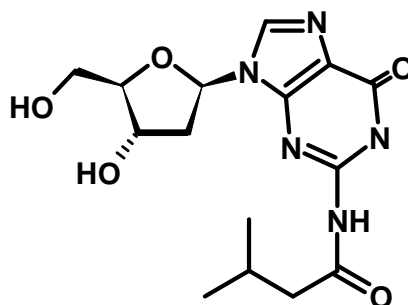
*Syn:*

dGi

**CAS No.:**

68892-42-2

**Structure:**



**Mol. Formula**

**C<sub>14</sub>H<sub>19</sub>N<sub>5</sub>O<sub>5</sub>**

**Mol. Wt.**

**337.33**

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR, TLC
<b>Appearance</b>	White to off-white powder
<b>Mp</b>	> 300 °C
<b>Assay (hplc)</b>	> 99%
<b>TLC</b>	Single spot
<b>LOD</b>	< 1%
<b>Heavy Metals (Pb)</b>	< 10 ppm
<b>Residue on Ignition</b>	< 0.3%

*Storage:* Maintain in a cool, dry confinement