



**CAS Registry Number:** 5437-49-0  
**Molecular Formula:** C<sub>7</sub>H<sub>10</sub>N<sub>6</sub>  
**Molecular Weight:** 178.196  
**Accurate Mass:** 178.096694  
**Percentage Composition:** C 47.18%; H 5.66%; N 47.16%  
**Melting Point:** Mp 300°  
**Rare Chemicals Library:** S78368-4

>>Derivative: *N*<sup>2</sup>,*N*<sup>2</sup>,*N*<sup>6</sup>-Tri-Me

**CAS Registry Number:** 5426-14-2  
**Molecular Formula:** C<sub>8</sub>H<sub>12</sub>N<sub>6</sub>  
**Molecular Weight:** 192.223  
**Accurate Mass:** 192.112344  
**Percentage Composition:** C 49.99%; H 6.29%; N 43.72%  
**Melting Point:** Mp 234° (block)

>>Derivative: *N*<sup>2</sup>,*N*<sup>6</sup>,*N*<sup>6</sup>-Tri-Me

**Molecular Formula:** C<sub>8</sub>H<sub>12</sub>N<sub>6</sub>  
**Molecular Weight:** 192.223  
**Accurate Mass:** 192.112344  
**Percentage Composition:** C 49.99%; H 6.29%; N 43.72%  
**Melting Point:** Mp 300°

>>Derivative: 9-β-D-Ribofuranosyl  
**Synonym(s):** 2-Aminoadenosine, 9C1

**CAS Registry Number:** 2096-10-8  
**Molecular Formula:** C<sub>10</sub>H<sub>14</sub>N<sub>6</sub>O<sub>4</sub>  
**Molecular Weight:** 282.258  
**Accurate Mass:** 282.107654  
**Percentage Composition:** C 42.55%; H 5.00%; N 29.77%; O 22.67%  
**Melting Point:** Mp 250-252°

>>Derivative: 9-β-D-Ribofuranosyl, *N*<sup>6</sup>-Me

**CAS Registry Number:** 5059-59-6  
**Molecular Formula:** C<sub>11</sub>H<sub>16</sub>N<sub>6</sub>O<sub>4</sub>  
**Molecular Weight:** 296.285  
**Accurate Mass:** 296.123304  
**Percentage Composition:** C 44.59%; H 5.44%; N 28.36%; O 21.60%  
**Melting Point:** Mp 105-107°

>>Derivative: 9-β-D-Ribofuranosyl, *N*<sup>2</sup>-Ph  
**Synonym(s):** CV 1808

**CAS Registry Number:** 53296-10-9  
**Molecular Formula:** C<sub>16</sub>H<sub>18</sub>N<sub>6</sub>O<sub>4</sub>  
**Molecular Weight:** 358.356  
**Accurate Mass:** 358.138954  
**Percentage Composition:** C 53.63%; H 5.06%; N 23.45%; O 17.86%  
**Use/Importance:** Vasodilator  
**Physical Description:** Needles (H<sub>2</sub>O)  
**Melting Point:** Mp 244-245°

#### References: