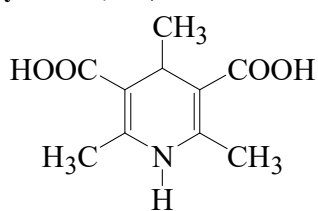




>>Entry Name: 1,4-Dihydro-2,4,6-trimethyl-3,5-pyridinedicarboxylic acid, 9Cl, 8Cl



**Molecular Formula:** C<sub>10</sub>H<sub>13</sub>NO<sub>4</sub>

**Molecular Weight:** 211.217

**Accurate Mass:** 211.084459

**Percentage Composition:** C 56.87%; H 6.20%; N 6.63%; O 30.30%

>>Derivative: Di-Me ester

**CAS Registry Number:** 55536-69-1

**Molecular Formula:** C<sub>12</sub>H<sub>17</sub>NO<sub>4</sub>

**Molecular Weight:** 239.271

**Accurate Mass:** 239.115759

**Percentage Composition:** C 60.24%; H 7.16%; N 5.85%; O 26.75%

**Melting Point:** Mp 224-225°

>>Derivative: Me-Et ester

**CAS Registry Number:** 53632-38-5

**Molecular Formula:** C<sub>13</sub>H<sub>19</sub>NO<sub>4</sub>

**Molecular Weight:** 253.297

**Accurate Mass:** 253.131409

**Percentage Composition:** C 61.64%; H 7.56%; N 5.53%; O 25.27%

**Melting Point:** Mp 125-126°

>>Derivative: Di-Et ester

**CAS Registry Number:** 632-93-9

**Molecular Formula:** C<sub>14</sub>H<sub>21</sub>NO<sub>4</sub>

**Molecular Weight:** 267.324

**Accurate Mass:** 267.147059

**Percentage Composition:** C 62.90%; H 7.92%; N 5.24%; O 23.94%

**Use/Importance:** Inducer of liver  $\delta$ -aminolevulinic acid synthetase and porphyrin accumulation

**Melting Point:** Mp 130-132°

**Aldrich:** 13703-0

>>Derivative: Dinitrile

**Synonym(s):** 3,5-Dicyano-1,4-dihydro-2,4,6-trimethylpyridine

**CAS Registry Number:** 3274-37-1

**Molecular Formula:** C<sub>10</sub>H<sub>11</sub>N<sub>3</sub>

**Molecular Weight:** 173.217

**Accurate Mass:** 173.095297

**Percentage Composition:** C 69.34%; H 6.40%; N 24.26%

**Physical Description:** Cryst. (EtOH aq.)

**Melting Point:** Mp 184-185°

>>Derivative: *N*-Me, di-Et ester

**Molecular Formula:** C<sub>15</sub>H<sub>23</sub>NO<sub>4</sub>

**Molecular Weight:** 281.351

**Accurate Mass:** 281.162709

**Percentage Composition:** C 64.04%; H 8.24%; N 4.98%; O 22.75%

**Physical Description:** Cryst.

**Melting Point:** Mp 84-85°