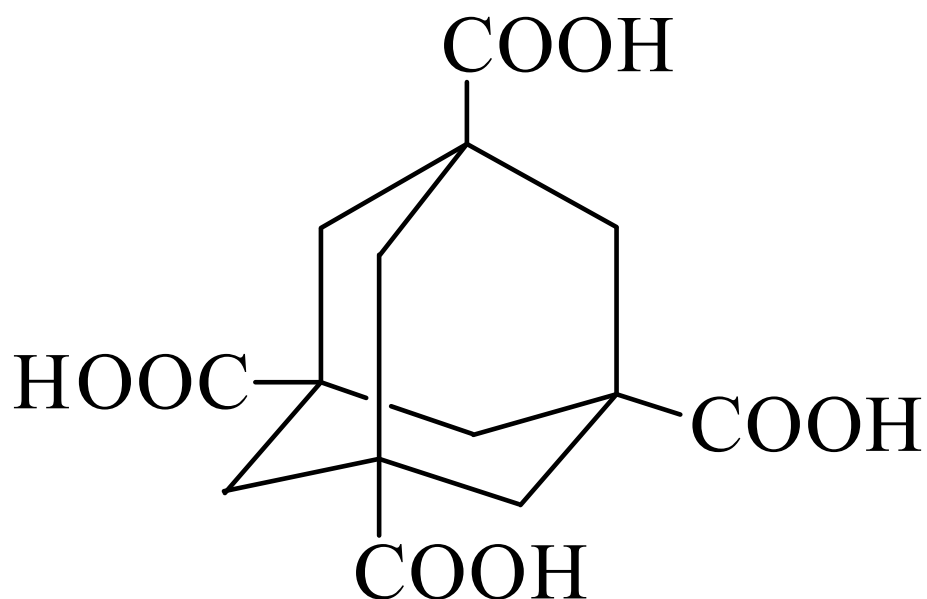




>>Entry Name: 1,3,5,7-Adamantanetetracarboxylic acid

Synonym(s): Tricyclo[3.3.1.1<sup>3,7</sup>]decane-1,3,5,7-tetracarboxylic acid, 9CI



CAS Registry Number: 100884-80-8

Molecular Formula: C<sub>14</sub>H<sub>16</sub>O<sub>8</sub>

Molecular Weight: 312.276

Accurate Mass: 312.08452

Percentage Composition: C 53.85%; H 5.16%; O 40.99%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 390 dec.° (browns >350°)

>>Derivative: Tetra-Me ester

Molecular Formula: C<sub>18</sub>H<sub>24</sub>O<sub>8</sub>

Molecular Weight: 368.383

Accurate Mass: 368.14712

Percentage Composition: C 58.69%; H 6.57%; O 34.75%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 168-169°

Boiling Point: Bp<sub>12</sub> 252°