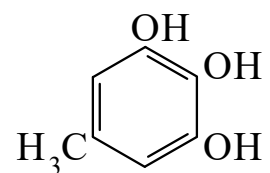




>>Entry Name: 5-Methyl-1,2,3-benzenetriol, 9CI

ENTRY UNDER REVIEW

Synonym(s): 5-Methylpyrogallol, 8CI. 3,4,5-Trihydroxytoluene. 4,6-Dihydroxyorcinol



CAS Registry Number: 609-25-6

Molecular Formula: C<sub>7</sub>H<sub>8</sub>O<sub>3</sub>

Molecular Weight: 140.138

Accurate Mass: 140.047345

Percentage Composition: C 60.00%; H 5.75%; O 34.25%

Biological Source: Isol. from cultures of *Aspergillus fumigatus* and *Penicillium spinulosum*

Physical Description: Dark-red cryst. (Me<sub>2</sub>CO/C<sub>6</sub>H<sub>6</sub>)

Melting Point: Mp 146°

Other Data: Sublimes

Rare Chemicals Library: S13305-1

>>Derivative: Tri-Ac

Molecular Formula: C<sub>13</sub>H<sub>14</sub>O<sub>6</sub>

Molecular Weight: 266.25

Accurate Mass: 266.07904

Percentage Composition: C 58.65%; H 5.30%; O 36.05%

Physical Description: Cryst.

Melting Point: Mp 101.5-102.5°

>>Derivative: 1-Me ether

Synonym(s): 3-Methoxy-5-methyl-1,2-benzenediol

Molecular Formula: C<sub>8</sub>H<sub>10</sub>O<sub>3</sub>

Molecular Weight: 154.165

Accurate Mass: 154.062995

Percentage Composition: C 62.33%; H 6.54%; O 31.13%

Biological Source: Isol. from wood spirit

Physical Description: Tablets

Melting Point: Mp 68°

>>Derivative: 1,3-Di-Me ether

Synonym(s): 2,6-Dimethoxy-4-methylphenol, 9CI. 2,6-Dimethoxy-*p*-cresol. FEMA 3704

CAS Registry Number: 6638-05-7

Molecular Formula: C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>

Molecular Weight: 168.192

Accurate Mass: 168.078645

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Biological Source: Isol. from wood spirit

Physical Description: Cryst. (EtOH)

Melting Point: Mp 36°

Boiling Point: Bp<sub>12</sub> 145°

Aldrich: W37040-1

>>Derivative: 2,3-Di-Me ether

Synonym(s): 2,3-Dimethoxy-5-methylphenol, 9CI

CAS Registry Number: 1128-32-1

Molecular Formula: C<sub>9</sub>H<sub>12</sub>O<sub>3</sub>

Molecular Weight: 168.192

Accurate Mass: 168.078645

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Melting Point: Mp 49-51°