



>>Entry Name: **2,6-Dimethylbenzoic acid**, 9CI, 8CI

Synonym(s): *vic-m*-Xylylic acid

CAS Registry Number: 632-46-2

Structure by analogy with 2,3-Dimethylbenzoic acid, [DZV67-X](#)

Molecular Formula: C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>

Molecular Weight: 150.177

Accurate Mass: 150.06808

Percentage Composition: C 71.98%; H 6.71%; O 21.31%

Physical Description: Cryst. (H<sub>2</sub>O)

Melting Point: Mp 115-116°

pKa Value: pK<sub>a1</sub> 3.35 (25°)

Aldrich: 15690-6

Fluka: 39585

Rare Chemicals Library: S43848-0

>>Derivative: Me ester

CAS Registry Number: 14920-81-1

Molecular Formula: C<sub>10</sub>H<sub>12</sub>O<sub>2</sub>

Molecular Weight: 164.204

Accurate Mass: 164.08373

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Physical Description: Oil

Boiling Point: Bp<sub>19</sub> 109°

>>Derivative: β-D-Glucopyranosyl ester

Synonym(s): β-D-Glucopyranosyl 2,6-dimethylbenzoate. **Moringyne**

CAS Registry Number: 97400-73-2

Type of Compound Code(s): VE0900 VG0040

Molecular Formula: C<sub>15</sub>H<sub>20</sub>O<sub>7</sub>

Molecular Weight: 312.319

Accurate Mass: 312.120905

Percentage Composition: C 57.69%; H 6.45%; O 35.86%

Biological Source: Constit. of the seeds of *Moringa oleifera*

>>Derivative: Chloride

CAS Registry Number: 21900-37-8

Molecular Formula: C<sub>9</sub>H<sub>9</sub>ClO

Molecular Weight: 168.622

Accurate Mass: 168.034192

Percentage Composition: C 64.11%; H 5.38%; Cl 21.02%; O 9.49%

Physical Description: Liq.

Boiling Point: Bp 217°. Bp<sub>0.3</sub> 40-41°

>>Derivative: Amide

CAS Registry Number: 55321-98-7

Molecular Formula: C<sub>9</sub>H<sub>11</sub>NO

Molecular Weight: 149.192

Accurate Mass: 149.084064

Percentage Composition: C 72.46%; H 7.43%; N 9.39%; O 10.72%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 139°