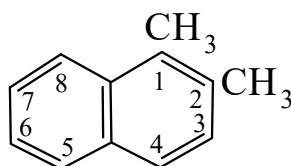




>>Entry Name: 1,2-Dimethylnaphthalene, 9CI



CAS Registry Number: 573-98-8

Extra CAS Registry Numbers(s): 28804-88-8

Molecular Formula: C<sub>12</sub>H<sub>12</sub>

Molecular Weight: 156.227

Accurate Mass: 156.0939

Percentage Composition: C 92.26%; H 7.74%

Source/Synthesis: Occurs in gas oil

Physical Description: Liq.

Melting Point: Mp -3.5°

Boiling Point: Bp 266-270°. Bp<sub>15</sub> 139-140°

Density: d<sub>4</sub><sup>20</sup> 1.015

Refractive Index: n<sub>D</sub><sup>20</sup> 1.6164

Aldrich: 25094-5

Fluka: 40778

>>Derivative: Picrate

Physical Description: Orange needles (EtOH)

Melting Point: Mp 130-131°

>>Derivative: 1,3,5-Trinitrobenzene complex

Physical Description: Yellow needles (MeOH)

Melting Point: Mp 147-148°

#### References:

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