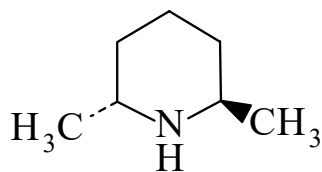




>>Entry Name: 2,6-Dimethylpiperidine

Synonym(s): Lupetidine, 8Cl. Nanofin, INN. Nanophyn



(2*R*,6*R*)-form

CAS Registry Number: 504-03-0

Type of Compound Code(s): XA4200

Molecular Formula: C<sub>7</sub>H<sub>15</sub>N

Molecular Weight: 113.202

Accurate Mass: 113.120449

Percentage Composition: C 74.27%; H 13.36%; N 12.37%

Calculated Log P Data: Log P 1.59 (calc)

Hazard & Toxicity: Highly flammable, fl. p. 16°

Fluka: 41470

>>Variant: (2*R*,6*R*)-form

CAS Registry Number: 14231-78-8

Type of Compound Code(s): VX0700

Molecular Formula: C<sub>7</sub>H<sub>15</sub>N

Molecular Weight: 113.202

Accurate Mass: 113.120449

Percentage Composition: C 74.27%; H 13.36%; N 12.37%

Biological Source: Alkaloid from *Nanophyton erinaceum* (Chenopodiaceae)

Use/Importance: Ganglion blocking agent

Physical Description: Oil

Optical Rotation: [α]<sub>D</sub> −43.02 (neat)

>>Derivative: Hydrochloride

CAS Registry Number: 5072-45-7

Melting Point: Mp 280-282°

Rare Chemicals Library: S37942-5

>>Derivative: *N*-Me

Synonym(s): 1,2,6-Trimethylpiperidine

Type of Compound Code(s): VX0700

Molecular Formula: C<sub>8</sub>H<sub>17</sub>N

Molecular Weight: 127.229

Accurate Mass: 127.136099

Percentage Composition: C 75.52%; H 13.47%; N 11.01%

Biological Source: Obt. from *Nanophyton erinaceum* (Chenopodiaceae)

>>Variant: (2*S*,6*S*)-form

CAS Registry Number: 40250-84-8

Molecular Formula: C<sub>7</sub>H<sub>15</sub>N

Molecular Weight: 113.202

Accurate Mass: 113.120449

Percentage Composition: C 74.27%; H 13.36%; N 12.37%

Physical Description: Oil

Optical Rotation: [α]<sub>D</sub> +12.5 (c, 0.5 in EtOH)