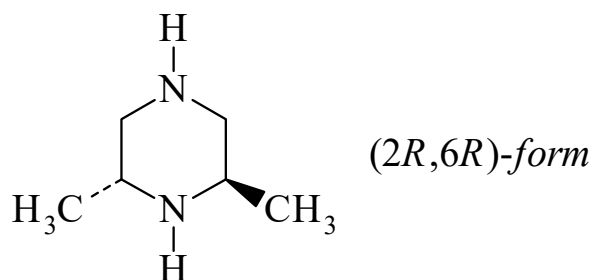




>>Entry Name: 2,6-Dimethylpiperazine



CAS Registry Number: 108-49-6

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

Aldrich: D17980-9

Fluka: 41463

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

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

>>Derivative: Hydrochloride (1:2)

Physical Description: Solid

Melting Point: Mp 260°

Optical Rotation: [α]_D²⁵ -4 (c, 0.85 in MeOH) (>98% ee)

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

Synonym(s): ($\pm$)-*trans*-form

CAS Registry Number: 21655-49-2

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

Boiling Point: Bp 130-135°

Other Data: Rapidly forms a carbonate salt in air

>>Derivative: Hydrochloride

Melting Point: Mp 222-225 dec.°

Other Data: Hygroscopic

>>Variant: (2*RS*,5*SR*)-form

Synonym(s): *cis*-form

CAS Registry Number: 21655-48-1

Molecular Formula: C₆H₁₄N₂

Molecular Weight: 114.19

Accurate Mass: 114.115698

Percentage Composition: C 63.11%; H 12.36%; N 24.53%

Physical Description: Leaflets or plates (Et₂O)

Melting Point: Mp 115-116°

Boiling Point: Bp 162°