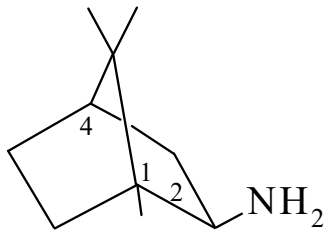
>>**Entry Name: 2-Amino-1,7,7-trimethylbicyclo[2.2.1]heptane**
Synonym(s): 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-amine, 9CI. Bornylamine. 2-Bornanamine. 2-Aminobornane



(1*R*,2*R*,4*R*)-form

Related CAS Registry Numbers(s): 2223-67-8

Molecular Formula: $C_{10}H_{19}N$
Molecular Weight: 153.267
Accurate Mass: 153.151749
Percentage Composition: C 78.37%; H 12.49%; N 9.14%

>>**Variant:** (1*R*,2*R*,4*R*)-form
Synonym(s): (–)-*exo*-form

CAS Registry Number: 32511-35-6
Molecular Formula: $C_{10}H_{19}N$
Molecular Weight: 153.267
Accurate Mass: 153.151749
Percentage Composition: C 78.37%; H 12.49%; N 9.14%
Melting Point: Mp 163°
Optical Rotation: $[\alpha]_D^{20}$ –50.8 (EtOH)

>>**Derivative:** Hydrochloride

Optical Rotation: $[\alpha]_D^{17}$ –23.5 (EtOH)

>>**Derivative:** *N*-Ac

Molecular Formula: $C_{12}H_{21}NO$
Molecular Weight: 195.304
Accurate Mass: 195.162314
Percentage Composition: C 73.80%; H 10.84%; N 7.17%; O 8.19%
Melting Point: Mp 143-144°
Optical Rotation: $[\alpha]_D$ –19

>>**Variant:** (1*R*,2*S*,4*R*)-form
Synonym(s): (+)-*endo*-form

CAS Registry Number: 32511-34-5
Molecular Formula: $C_{10}H_{19}N$
Molecular Weight: 153.267
Accurate Mass: 153.151749
Percentage Composition: C 78.37%; H 12.49%; N 9.14%
Physical Description: Cryst. by subl.
Melting Point: Mp 162.5-164° (sealed tube)
Optical Rotation: $[\alpha]_D$ +44 (c, 2.71 in EtOH)
Aldrich: 35993-9
Fluka: 15630

>>**Derivative:** Hydrochloride

Physical Description: Cryst. (2M HCl)
Optical Rotation: $[\alpha]_D$ +19 (c, 1.6 in EtOH)

>>**Derivative:** *N*-Ac

Physical Description: Cryst. by subl.
Melting Point: Mp 145-145.5°
Optical Rotation: $[\alpha]_D$ –41 (c, 3.62 in EtOH)