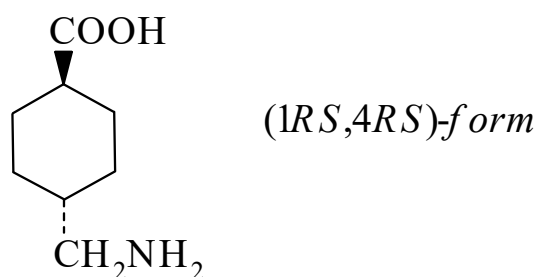




>>Entry Name: 4-(Aminomethyl)cyclohexanecarboxylic acid, 9CI, 8CI



CAS Registry Number: 701-54-2

Related CAS Registry Numbers(s): 1197-18-8

Molecular Formula: C₈H₁₅NO₂

Molecular Weight: 157.212

Accurate Mass: 157.110279

Percentage Composition: C 61.12%; H 9.62%; N 8.91%; O 20.35%

Calculated Log P Data: Log P -1.84 (calc)

Rare Chemicals Library: S42955-4

>>Variant: (1*R*,4*R*)-form

Synonym(s): *trans*-form. **Tranexamic acid**, BAN, INN, JAN, USAN. Amstat. Cyclokapron. Amcha. Amvitoff

CAS Registry Number: 1197-18-8

Molecular Formula: C₈H₁₅NO₂

Molecular Weight: 157.212

Accurate Mass: 157.110279

Percentage Composition: C 61.12%; H 9.62%; N 8.91%; O 20.35%

Use/Importance: Antiplasminic, antifibrinolytic, haemostatic agent. Used as an internal standard for glc. anal. of amino acids

Physical Description: Cryst. (Me₂CO/EtOH aq.)

Melting Point: Mp 386-392 dec.°

Solubility: V. spar. sol. EtOH, Et₂O

Hazard & Toxicity: Gastrointestinal disturbances reported when used therapeutically. LD₅₀ (rat, orl) 3 g/kg. Exp. reprod. and teratogenic effects

Aldrich: 85765-3

Fluka: 8455

Sigma: A6516

>>Derivative: Hydrochloride

CAS Registry Number: 3667-39-8

Physical Description: Needles (Me₂CO aq.)

Melting Point: Mp 238-242 dec.°

>>Derivative: *N*-Ac

CAS Registry Number: 20704-66-9

Molecular Formula: C₁₀H₁₇NO₃

Molecular Weight: 199.249

Accurate Mass: 199.120844

Percentage Composition: C 60.28%; H 8.60%; N 7.03%; O 24.09%

Physical Description: Prisms (Me₂CO)

Melting Point: Mp 154-155°

>>Variant: (1*R*,4*S*)-form

Synonym(s): *cis*-form

CAS Registry Number: 1197-17-7

Molecular Formula: C₈H₁₅NO₂

Molecular Weight: 157.212

Accurate Mass: 157.110279

Percentage Composition: C 61.12%; H 9.62%; N 8.91%; O 20.35%

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 236-238 dec.°