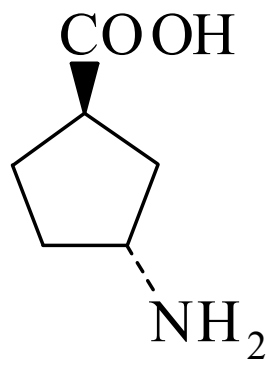
>>**Entry Name: 3-Aminocyclopentanecarboxylic acid,** 9CI, 8CI
Synonym(s): Cyclopentaminine



(1*R*,3*R*)-*form*

Related CAS Registry Numbers(s): 19042-35-4 49805-32-5 57376-72-4

Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%

>>**Variant:** (1*R*,3*R*)-form
Synonym(s): (–)-*trans*-form

CAS Registry Number: 71869-43-7
Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Use/Importance: Potent inhibitor of GABA uptake
Melting Point: Mp 253-256 dec.°
Optical Rotation: $[\alpha]_D$ –22.3

>>**Variant:** (1*S*,3*S*)-form
Synonym(s): (+)-*trans*-form

CAS Registry Number: 71376-02-8
Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Use/Importance: Potent inhibitor of GABA binding
Melting Point: Mp 264-266 dec.°
Optical Rotation: $[\alpha]_D$ +23.1

>>**Derivative:** *N*-Phthalimide

Melting Point: Mp 174-175°
Optical Rotation: $[\alpha]_D$ +31.4

>>**Variant:** (1*R*,3*S*)-form
Synonym(s): (–)-*cis*-form

CAS Registry Number: 71830-08-5
Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Source/Synthesis: Degradn. prod. of Amidinomycin CKN30-H
Use/Importance: Weak GABA inhibitor
Melting Point: Mp 250-255 dec.°
Optical Rotation: $[\alpha]_D^{20}$ –7 (c, 1 in H_2O)