



>>Variant: (S)-form

Molecular Formula: C₄H₆N₄O₃

Molecular Weight: 158.116

Accurate Mass: 158.043991

Percentage Composition: C 30.39%; H 3.82%; N 35.43%; O 30.36%

Source/Synthesis: Isol. from leaves of *Platanus orientalis*

Physical Description: Needles (H₂O)

Optical Rotation: [α]_D²⁹ +92 (H₂O)

>>Variant: (±)-form

CAS Registry Number: 5377-33-3

Molecular Formula: C₄H₆N₄O₃

Molecular Weight: 158.116

Accurate Mass: 158.043991

Percentage Composition: C 30.39%; H 3.82%; N 35.43%; O 30.36%

Physical Description: Monoclinic prisms (H₂O)

Melting Point: Mp 238-240 dec.°

Solubility: V. spar. sol. H₂O; spar. sol. org. solvs.

>>Derivative: Dihydroxyaluminium compd.

Synonym(s): Aldioxa, INN, USAN. Alanta-SF. Alarant. ALDA. Alkixa. Arlanto. Ascomp. Peptilate. RC-172.

Many other names

CAS Registry Number: 5579-81-7

Molecular Formula: C₄H₇AlN₄O₅

Molecular Weight: 218.105

Accurate Mass: 218.023185

Percentage Composition: C 22.03%; H 3.23%; Al 12.37%; N 25.69%; O 36.68%

Use/Importance: Astringent, keratolytic agent

Physical Description: Greyish powder

>>Derivative: Chlorotetrahydroxydialuminium compd.

Synonym(s): Alcloxa, INN, USAN. Aluminium chlorhydroxy allantoinate. Isaropan. Ulfon. ALCA. RC-173

CAS Registry Number: 1317-25-5

Use/Importance: Astringent, keratolytic, low oral tox.

Melting Point: Mp 240 dec.°

Hazard & Toxicity: Eye irritant