



CAS Registry Number: 54897-59-5
Physical Description: Cryst. (EtOH aq.)
Melting Point: Mp 232 dec.°
Aldrich: 21963-0
Fluka: 33280
Sigma: D1502

>>Derivative: Hydrobromide

CAS Registry Number: 18635-45-5
Physical Description: Cryst. (H₂O)
Melting Point: Mp 235 dec.°
Aldrich: D2400-5

>>Derivative: Oxalate

Physical Description: Cryst. + 2H₂O
Melting Point: Mp 175-178 dec.°

>>Derivative: Tc complex
see 2,3-Diaminopropanoic acid technetium complex, [KBG66-M](#)

>>Derivative: Me ester

Molecular Formula: C₄H₁₀N₂O₂
Molecular Weight: 118.135
Accurate Mass: 118.074228
Percentage Composition: C 40.67%; H 8.53%; N 23.71%; O 27.09%
Physical Description: Solid (as dihydrochloride)
Melting Point: Mp 172° (dihydrochloride)

>>Derivative: Et ester

Molecular Formula: C₅H₁₂N₂O₂
Molecular Weight: 132.162
Accurate Mass: 132.089878
Percentage Composition: C 45.44%; H 9.15%; N 21.20%; O 24.21%
Melting Point: Mp 142-144 dec.°

>>Derivative: *N,N'*-Di-Ac

Molecular Formula: C₇H₁₂N₂O₄
Molecular Weight: 188.183
Accurate Mass: 188.079708
Percentage Composition: C 44.68%; H 6.43%; N 14.89%; O 34.01%
Melting Point: Mp 181-182°

>>Variant: (ξ)-form

Molecular Formula: C₃H₈N₂O₂
Molecular Weight: 104.108
Accurate Mass: 104.058578
Percentage Composition: C 34.61%; H 7.75%; N 26.91%; O 30.74%

>>Derivative: Nitrile, *N*²-α-L-arabinosyl, *N*³-β-D-glucopyranoside
Synonym(s): 2-(Arabinosylamino)-3-(glucosylamino)propanenitrile

CAS Registry Number: 26401-22-9

Molecular Formula: C₁₄H₂₅N₃O₉
Molecular Weight: 379.366
Accurate Mass: 379.159082
Percentage Composition: C 44.32%; H 6.64%; N 11.08%; O 37.96%
Biological Source: Constit. of the seeds of *Lathyrus sativus*
Use/Importance: Toxic
Physical Description: Pale yellow cryst. + 1H₂O
Other Data: Tentative struct. Config. not known