



>>Entry Name: Magnesium aspartate

Synonym(s): Dihydrge bis[aspartato(2-)-*N,O*¹]magnesate(2-). Aspartic acid magnesium salt

CAS Registry Number: 15628-96-3

Extra CAS Registry Numbers(s): 153605-84-6

Mg[OOCCH₂CH(NH₂)COOH]₂

Molecular Formula: C₈H₁₂MgN₂O₈

Molecular Weight: 288.496

Accurate Mass: 288.04441

Percentage Composition: C 33.31%; H 4.19%; Mg 8.42%; N 9.71%; O 44.37%

Solubility: Sol. H₂O

>>Variant: (L,L)-form

CAS Registry Number: 18962-61-3

Molecular Formula: C₈H₁₂MgN₂O₈

Molecular Weight: 288.496

Accurate Mass: 288.04441

Percentage Composition: C 33.31%; H 4.19%; Mg 8.42%; N 9.71%; O 44.37%

Use/Importance: Used in contact lens storage solns.

References:

Apelblat, A. *et al.*, *J. Chem. Thermodyn.*, 1993, **25**, 1443-1445, (*solns*)