



>>Entry Name: Almagate, INN, USAN

Synonym(s): [Carbonato(2-)]heptahydroxy(aluminium)trimagnesium, 9CI. Aluminium magnesium carbonate hydroxide. Algicon. Almax. LAS 3876

CAS Registry Number: 72526-11-5

Related CAS Registry Numbers(s): 66827-12-1

$\text{Al}_2\text{Mg}_6(\text{CO}_3)_2(\text{OH})_{14}$

Molecular Formula: $\text{C}_2\text{H}_{14}\text{Al}_2\text{Mg}_6\text{O}_{20}$

Molecular Weight: 557.914

Accurate Mass: 555.88118

Percentage Composition: C 4.31%; H 2.53%; Al 9.67%; Mg 26.14%; O 57.35%

Use/Importance: Nonsystemic antacid

Other Data: Dihydrate also used

References:

Belg. Pat., 1979, *Anphar*, 873 843; *CA*, **92**, 82424c, (*synth*)

Moragues, J. *et al.*, *Arzneim.-Forsch.*, 1984, **34**, 1346; 1350; 1357; 1364; 1367; 1371; 1373; 1375, (*pharmacol, activity*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 869

Peterson, C.L. *et al.*, *Pharm. Res.*, 1993, **10**, 998, (*anal*)