



>>Entry Name: Hydroxymethylurea, 9CI

Synonym(s): Methylolurea

CAS Registry Number: 1000-82-4

H2NCONHCH2OH

Molecular Formula: C2H6N2O2

Molecular Weight: 90.082

Accurate Mass: 90.042928

Percentage Composition: C 26.67%; H 6.71%; N 31.10%; O 35.52%

Use/Importance: Textile crease- and flameproofing agent

Melting Point: Mp 111°

References:

Einhorn, A. *et al.*, *Ber.*, 1908, **41**, 24, (*synth*)

Dixon, A.E., *J.C.S.*, 1918, **113**, 238, (*synth*)

Nieulescu, V. *et al.*, *Rev. Roum. Chim.*, 1968, **13**, 1375; *CA*, **70**, 72752, (*pmr*)