



>>Entry Name: *N,N'*-Bis(hydroxymethyl)urea

Synonym(s): Dimethylolurea. *sym*-Dihydroxydimethylurea. Knittex ASL. Protesine DMU. Finish EN

CAS Registry Number: 140-95-4

HOCH₂NHCONHCH₂OH

Molecular Formula: C₃H₈N₂O₃

Molecular Weight: 120.108

Accurate Mass: 120.053493

Percentage Composition: C 30.00%; H 6.71%; N 23.32%; O 39.96%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 132.5°

Hazard & Toxicity: LD₅₀ (rat, orl) 3400 mg/kg

Fluka: 14921

Rare Chemicals Library: S44467-7

Sigma: D4879

References:

Seidl, J. *et al.*, *Coll. Czech. Chem. Comm.*, 1957, **22**, 647, (*synth*)

Richard, B. *et al.*, *C. R. Hebd. Seances Acad. Sci. Ser. C*, 1975, **281**, 761, (*synth*)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, DTG700