



>>Entry Name: 2,2'-Azobis[N-(2-hydroxyethyl)-2-methylpropanamide], 9CI

Synonym(s): 2,2'-Azobis[N-(2-hydroxyethyl)isobutyramide]. VA 086

CAS Registry Number: 61551-69-7

HOCH2CH2NHCOC(CH3)2N=NC(CH3)2CONHCH2CH2OH

Molecular Formula: C₁₂H₂₄N₄O₄

Molecular Weight: 288.346

Accurate Mass: 288.179756

Percentage Composition: C 49.99%; H 8.39%; N 19.43%; O 22.19%

Use/Importance: Polym. initiator through free radical formn. by heat or light

Physical Description: Solid

Melting Point: Mp 150-151°

Solubility: Sol. H₂O (4.5g per 100g)

Aldrich: 44090-6

Other: Wako

References:

Ger. Pat., 1976, 2 518 622; *CA*, **86**, 73407g, (*synth*)

Japan. Pat., 1991, 91 244 675; *CA*, **116**, 131300j

Torii, H. *et al.*, *J. Polym. Sci., Part A*, 1996, **34**, 1237-1243