



>>Entry Name: 2-Methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid, 9CI

Synonym(s): 2-Acrylamido-2-methyl-1-propanesulfonic acid, 8CI

CAS Registry Number: 15214-89-8

Related CAS Registry Numbers(s): 5165-97-9

$\text{H}_2\text{C}=\text{CHCONHC}(\text{CH}_3)_2\text{CH}_2\text{SO}_3\text{H}$

Molecular Formula: $\text{C}_7\text{H}_{13}\text{NO}_4\text{S}$

Molecular Weight: 207.25

Accurate Mass: 207.056529

Percentage Composition: C 40.57%; H 6.32%; N 6.76%; O 30.88%; S 15.47%

Use/Importance: Monomer

Physical Description: Cryst. (MeOH)

Melting Point: Mp 185.5-186°

Aldrich: 28273-1

Sigma: A5914

References:

U.S. Pat., 1970, 3 506 707; *CA*, **72**, 132053r, (*synth*)

Salamone, J.C. *et al.*, *J. Polym. Sci., Polym. Symp.*, 1978, **64**, 229-243, (*synth*)

Salamone, J.C. *et al.*, *J. Polym. Sci., Polym. Lett. Ed.*, 1979, **15**, 487-491, (*synth*)