



>>Entry Name: 2-Hydroxy-3-[(2-hydroxy-1,1-dimethylethyl)amino]-1-propanesulfonic acid, 9Cl

Synonym(s): AMPSO

CAS Registry Number: 68399-79-1

$\text{HOCH}_2\text{C}(\text{CH}_3)_2\text{NHCH}_2\text{CH}(\text{OH})\text{CH}_2\text{SO}_3\text{H}$

Molecular Formula: $\text{C}_7\text{H}_{17}\text{NO}_5\text{S}$

Molecular Weight: 227.281

Accurate Mass: 227.082744

Percentage Composition: C 36.99%; H 7.54%; N 6.16%; O 35.20%; S 14.11%

Use/Importance: Biological buffer

Aldrich: 34016-2

Fluka: 40695

Sigma: A7585

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 1434C, (*nmr*)

U.S. Pat., 1979, 4 246 194; *CA*, **92**, 75852h, (*synth*)

McConnell, B. *et al.*, *Biophys. Chem.*, 1984, **20**, 135, (*use*)

Szewczyk, B. *et al.*, *Anal. Biochem.*, 1985, **150**, 403, (*use*)