



>>Entry Name: 1-Tetradecanesulfonic acid

CAS Registry Number: 7314-37-6

Related CAS Registry Numbers(s): 6994-45-2

$\text{H}_3\text{C}(\text{CH}_2)_{13}\text{SO}_3\text{H}$

Molecular Formula: $\text{C}_{14}\text{H}_{30}\text{O}_3\text{S}$

Molecular Weight: 278.455

Accurate Mass: 278.191565

Percentage Composition: C 60.39%; H 10.86%; O 17.24%; S 11.52%

Melting Point: Mp 65.5°

>>Derivative: Monohydrate

Melting Point: Mp 55-56°

>>Derivative: Benzylaniline salt

Melting Point: Mp 82.7°

References:

Noller, C.R. *et al.*, *J.A.C.S.*, 1935, **55**, 1090, (*synth*)