



>>Entry Name: Octadecyl hydrogen sulfate

CAS Registry Number: 143-03-3

$\text{H}_3\text{C}(\text{CH}_2)_{17}\text{OSO}_3\text{H}$

Molecular Formula: $\text{C}_{18}\text{H}_{38}\text{O}_4\text{S}$

Molecular Weight: 350.562

Accurate Mass: 350.24908

Percentage Composition: C 61.67%; H 10.93%; O 18.26%; S 9.15%

Physical Description: Hygroscopic cryst.

Melting Point: Mp 54.1-55.5° (sealed tube)

>>Derivative: Na salt

CAS Registry Number: 1120-04-3

Melting Point: Mp 211-213°

Aldrich: 29394-6

References:

Maurer, E.W. *et al.*, *J. Am. Oil Chem. Soc.*, 1960, **37**, 34, (*synth*)

Maurer, E.W. *et al.*, *Biochem. Prep.*, 1966, **11**, 96, (*synth*)