



>>Entry Name: 1-Octadecanesulfonic acid, 9Cl

CAS Registry Number: 6140-87-0

$\text{H}_3\text{C}(\text{CH}_2)_{16}\text{CH}_2\text{SO}_3\text{H}$

Molecular Formula: $\text{C}_{18}\text{H}_{38}\text{O}_3\text{S}$

Molecular Weight: 334.562

Accurate Mass: 334.254165

Percentage Composition: C 64.62%; H 11.45%; O 14.35%; S 9.58%

Melting Point: Mp 64-70°

>>Derivative: Na salt

CAS Registry Number: 13893-34-0

Use/Importance: Detergent, antistatic agent

Fluka: 74726

References:

Swern, D. *et al.*, *J.O.C.*, 1962, **27**, 2853, (*synth*)

Pueschel, F. *et al.*, *J. Chromatogr.*, 1968, **32**, 337, (*chromatog*)

Kupfer, W. *et al.*, *CA*, 1971, **74**, 27856y, (*use*)