



>>Entry Name: [3-(Heptadecafluoro-1-octanesulfonamido)propyl]trimethylammonium(1+)

Synonym(s): 3-[[[(Heptadecafluorooctyl)sulfonyl]amino]-*N,N,N*-trimethyl-1-propanaminium, 9Cl

CAS Registry Number: 70225-25-1

Extra CAS Registry Numbers(s): 1652-63-7

$\text{F}_3\text{C}(\text{CF}_2)_7\text{SO}_2\text{NHCH}_2\text{CH}_2\text{CH}_2\text{N}^{(+)}\text{Me}_3$

Molecular Formula: $\text{C}_{14}\text{H}_{16}\text{F}_{17}\text{N}_2\text{O}_2\text{S}^{(+)}$

Molecular Weight: 599.331

Accurate Mass: 599.066099

Percentage Composition: C 28.06%; H 2.69%; F 53.89%; N 4.67%; O 5.34%; S 5.35%

Use/Importance: Surfactant

References:

U.S. Pat., 1960, 2 951 770; *CA*, **55**, 2139h, (*use*)

Kimura, C. *et al.*, *CA*, 1982, **97**, 129467q, (*synth, use*)