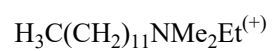




>>Entry Name: Dodecylethyldimethylammonium(1+)



Molecular Formula: $\text{C}_{16}\text{H}_{36}\text{N}^{(+)}$

Molecular Weight: 242.467

Accurate Mass: 242.284774

Percentage Composition: C 79.26%; H 14.96%; N 5.78%

>>Derivative: Bromide

CAS Registry Number: 68207-00-1

Molecular Formula: $\text{C}_{16}\text{H}_{36}\text{BrN}$

Molecular Weight: 322.371

Accurate Mass: 321.22311

Percentage Composition: C 59.61%; H 11.26%; Br 24.79%; N 4.34%

Use/Importance: Phase transfer catalyst

Melting Point: Mp 185-188°

Aldrich: 36523-8

Fluka: 44165

Sigma: D1784

References:

Palit, S.R. *et al.*, *Trans. Faraday Soc.*, 1959, 463

Ger. Pat., 1981, 2 926 980; *CA*, **94**, 205041b