



>>Entry Name: **Docosyltrimethylammonium(1+)**

Synonym(s): *N,N,N*-Trimethyl-1-docosanaminium, 9CI

CAS Registry Number: 45294-07-3

Extra CAS Registry Numbers(s): 17301-53-0

$\text{H}_3\text{C}(\text{CH}_2)_{21}\text{N}^{(+)}\text{Me}_3$

Molecular Formula: $\text{C}_{25}\text{H}_{54}\text{N}^{(+)}$

Molecular Weight: 368.708

Accurate Mass: 368.425624

Percentage Composition: C 81.44%; H 14.76%; N 3.80%

Use/Importance: Used in cosmetics

References:

Pat. Coop. Treaty (WIPO), 1991, 91 15 120; *CA*, **116**, 78577b, (*synth, use*)

Japan. Pat., 1996, 08 198 731; *CA*, **125**, 230185t, (*use*)