



>>Entry Name: Heptacosanoic acid, 9CI

CAS Registry Number: 7138-40-1

$\text{H}_3\text{C}(\text{CH}_2)_{25}\text{COOH}$

Molecular Formula: $\text{C}_{27}\text{H}_{54}\text{O}_2$

Molecular Weight: 410.722

Accurate Mass: 410.41238

Percentage Composition: C 78.96%; H 13.25%; O 7.79%

Biological Source: Present as ester in Chinese and Montan waxes

Melting Point: Mp 82°

Aldrich: 34018-9

Fluka: 51570

Sigma: H6514

>>Derivative: Me ester

Molecular Formula: $\text{C}_{28}\text{H}_{56}\text{O}_2$

Molecular Weight: 424.749

Accurate Mass: 424.42803

Percentage Composition: C 79.18%; H 13.29%; O 7.53%

Melting Point: Mp 64°

References:

Gascard, A., *C. R. Hebd. Seances Acad. Sci.*, 1920, **170**, 1328, (*isol*)

Tropsch, H. *et al.*, *CA*, 1922, **16**, 2111, (*isol*)