



>>Entry Name: 4,7,10,13,16-Docosapentaenoic acid

CAS Registry Number: 2313-14-6

Extra CAS Registry Numbers(s): 25448-00-4

$\text{H}_3\text{C}(\text{CH}_2)_3(\text{CH}_2\text{CH}=\text{CH})_5\text{CH}_2\text{CH}_2\text{COOH}$

Molecular Formula: $\text{C}_{22}\text{H}_{34}\text{O}_2$

Molecular Weight: 330.509

Accurate Mass: 330.25588

Percentage Composition: C 79.95%; H 10.37%; O 9.68%

>>Variant: (*all-Z*)-form

CAS Registry Number: 25182-74-5

Extra CAS Registry Numbers(s): 32839-34-2

Type of Compound Code(s): VA0600

Molecular Formula: $\text{C}_{22}\text{H}_{34}\text{O}_2$

Molecular Weight: 330.509

Accurate Mass: 330.25588

Percentage Composition: C 79.95%; H 10.37%; O 9.68%

Biological Source: Metab. of Linoleic acid

>>Derivative: Me ester

Boiling Point: $\text{Bp}_{0.001}$ 138-146°

>>Derivative: Et ester

Boiling Point: $\text{Bp}_{0.01}$ 147-152°

References:

Osbond, J.M. *et al.*, *Chem. Ind. (London)*, 1959, 1288, (*synth*)

Osbond, J.M. *et al.*, *J.C.S.*, 1961, 2779, (*synth*)