



>>Entry Name: **13-Methyltetradecanoic acid**, 9CI

**Synonym(s):** Subtilopentadecanoic acid. Aseanostatin P<sub>6</sub>

**CAS Registry Number:** 2485-71-4

**Related CAS Registry Numbers(s):** 5129-59-9 64317-63-1

$(\text{H}_3\text{C})_2\text{CH}(\text{CH}_2)_{11}\text{COOH}$

**Molecular Formula:** C<sub>15</sub>H<sub>30</sub>O<sub>2</sub>

**Molecular Weight:** 242.401

**Accurate Mass:** 242.22458

**Percentage Composition:** C 74.33%; H 12.47%; O 13.20%

**Biological Source:** Occurs widely in nature esp. bacteria

**Physical Description:** Cryst. (Me<sub>2</sub>CO)

**Melting Point:** Mp 52.5-53°

**Sigma:** M7031

**References:**

Saito, K., *J. Biochem. (Tokyo)*, 1960, **47**, 710, (*isol*)

Klein, R.A. *et al.*, *Lipids*, 1980, **15**, 572, (*synth, use*)

Ishida-Okawara, A. *et al.*, *J. Antibiot.*, 1991, **44**, 524, (*Aseanostatin P6*)

Grzeszczyk, B. *et al.*, *Pol. J. Chem. (Rocz. Chem.)*, 1992, **66**, 1627-1632, (*synth*)

Foglia, T.A. *et al.*, *Org. Prep. Proced. Int.*, 1993, **25**, 209, (*synth*)

Shiori, T. *et al.*, *Tetrahedron*, 1998, **54**, 15701-15710, (*synth*)