



>>Entry Name: **Palmidrol**, INN

Synonym(s): *N*-(2-Hydroxyethyl)hexadecanamide, 9CI. *N*-(2-Hydroxyethyl)palmitamide. Impulsin. Palmitan. PEA

CAS Registry Number: 544-31-0

$\text{H}_3\text{C}(\text{CH}_2)_{14}\text{CONHCH}_2\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_{18}\text{H}_{37}\text{NO}_2$

Molecular Weight: 299.496

Accurate Mass: 299.282429

Percentage Composition: C 72.19%; H 12.45%; N 4.68%; O 10.68%

Biological Source: Isol. from soyabean lecithin, egg yolk and peanut meal

Use/Importance: Antiinflammatory agent, immunostimulant

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 98-99°

Calculated Log P Data: Log P 6 (calc)

Rare Chemicals Library: S42221-5

References:

Roe, E.T. *et al.*, *J.A.C.S.*, 1952, **74**, 3442, (*synth*)

Kuehl, F.A. *et al.*, *J.A.C.S.*, 1957, **79**, 5577, (*isoln*)

Benvenuti, F. *et al.*, *Boll. Soc. Ital. Biol. Sper.*, 1968, **44**, 809; *CA*, **69**, 85237e, (*pharmacol*)

Perlik, F. *et al.*, *Acta Phytopathol. Acad. Sci. Hung.*, 1971, **39**, 395, (*pharmacol*)

Miyasaka, T. *et al.*, *Chem. Lett.*, 1985, **6**, 701, (*synth*)

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