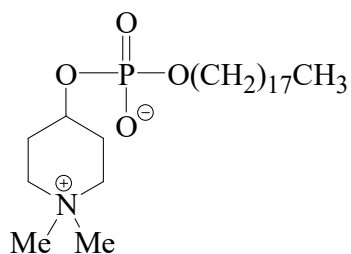




>>Entry Name: Perifosine, INN

Synonym(s): 4-[[Hydroxy(octadecyloxy)phosphinyloxy]-1,1-dimethylpiperidinium inner salt, 9Cl. D 21266



CAS Registry Number: 157716-52-4

Molecular Formula: C₂₅H₅₂NO₄P

Molecular Weight: 461.664

Accurate Mass: 461.363396

Percentage Composition: C 65.04%; H 11.35%; N 3.03%; O 13.86%; P 6.71%

Biological Use/Importance: Antineoplastic agent

Physical Description: Cryst. (2-butanone)

Melting Point: Mp 270-271 dec.°

References:

- Ger. Pat.*, 1994, *Aste Medica*, 4 222 910; *CA*, **121**, 205667m, (*synth*)
Maly, K. *et al.*, *Anti-Cancer Drug Des.*, 1995, **10**, 411-425, (*pharmacol*)
Hilgard, P. *et al.*, *Eur. J. Pharmacol.*, 1997, **33**, 442-446, (*pharmacol*)
Traiser, M. *et al.*, *Drugs of Today (Barcelona)*, 1998, **34**, 67-71