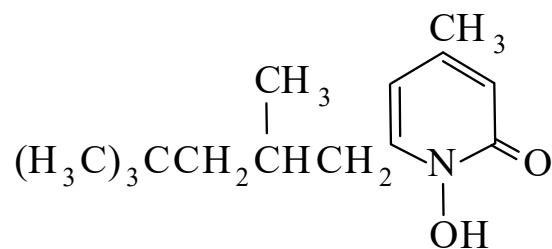




>>Entry Name: Piroctone, INN, USAN

Synonym(s): 1-Hydroxy-4-methyl-6-(2,4,4-trimethylpentyl)-2(1*H*)-pyridinone, 9CI



CAS Registry Number: 50650-76-5

Molecular Formula: C₁₄H₂₃NO₂

Molecular Weight: 237.341

Accurate Mass: 237.172879

Percentage Composition: C 70.85%; H 9.77%; N 5.90%; O 13.48%

Biological Use/Importance: Antiseborrheic agent

Calculated Log P Data: Log P 3.22 (uncertain value) (calc)

>>Variant: (±)-form

Molecular Formula: C₁₄H₂₃NO₂

Molecular Weight: 237.341

Accurate Mass: 237.172879

Percentage Composition: C 70.85%; H 9.77%; N 5.90%; O 13.48%

Physical Description: Cryst.

Melting Point: Mp 108°

>>Derivative: 2-Aminoethanol salt (1:1)

Synonym(s): Piroctone olamine, USAN. Octopirox

CAS Registry Number: 68890-66-4

References:

Ger. Pat., 1973, 2 214 608; *CA*, **79**, 146419w, (*synth*)

Lohaus, G. *et al.*, *Arzneim.-Forsch.*, 1981, **31**, 1311, (*synth, pharmacol*)