

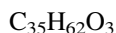
# Chapter 23

## Pentacosanones

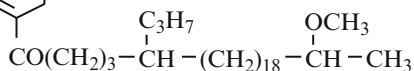
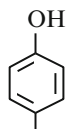
### 1 Aromatic Hydroxyketones Derived from Pentacosanoic Acid

#### 1.1 Unsubstituted Hydroxyketones

##### 1-(4-Hydroxyphenyl)-5-propyl-24-methoxy-1-pentacosanone 4-(24-Methoxy-24-methyl-1-oxo-5-n-propyltetracosanyl)phenol



mol. wt. 530.88



Synthesis

-Refer to: [1545].

Isolation from natural sources

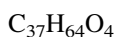
-From *Mimosa pudica* Linn [1545].

m.p. 112–113° [1545];

$^1\text{H}$  NMR [1545],  $^{13}\text{C}$  NMR [1545], IR [1545], UV [1545], MS [1545];

$(\alpha)_\text{D}^{25} = -6.9^\circ$  (ethanol) [1545].

**Acetate**



mol. wt. 572.91

m.p. 88–90° [1545]; IR [1545], MS [1545].