

Identification

$C_{16}H_{34}O$
M = 242,45 g/mol
CAS [36653-82-4]
EC number: 253-149-0
Taric code: 2905 17 00



Synonyms

1-Hexadecanol

Applications

synthesis of organic products, for pharmaceuticals synthesizing, cosmetics, emulsifier, in pharma industry.

Specifications

assay (G.C.).....min. 96 %
identity (IR-spectrum).....passes test
melting point.....46 - 52 °C
appearance of solution(2,5 %, ethanol 96%).....passes test

acid value.....max. 1
hydroxyl value.....218 - 238
iodine value.....max. 2
saponification index.....max. 2

Physical data

- Appearance: flakes or pellets, white
- Spec. Density: (60 °C) 0,81 g/cm³
- Bulk density: ~ 410 - 450 kg/m³
- Solub. in water: (20 °C): insoluble
- Melting point: ~ 49 - 53 °C
- Boiling point: ~ 355 °C
- Flash point: 135 °C
- Ignition temperature: ~ 235 °C
- Vapour pressure: (20 °C) < 1 hPa

Transport/storage

- 10°C - 30°C