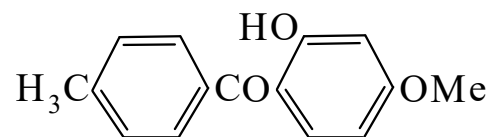




>>Entry Name: **2-Hydroxy-4-methoxy-4'-methylbenzophenone**, 8CI

Synonym(s): (2-Hydroxy-4-methoxyphenyl)(4-methylphenyl)methanone, 9CI. **Mexenone**, BAN, INN. Uvistat. Uvicone



CAS Registry Number: 1641-17-4

Molecular Formula: $C_{15}H_{14}O_3$

Molecular Weight: 242.274

Accurate Mass: 242.094295

Percentage Composition: C 74.36%; H 5.82%; O 19.81%

Use/Importance: Sunscreen

Physical Description: Pale-yellow powder

Solubility: Insol. H_2O

Calculated Log P Data: Log P 4.08 (calc)

Rare Chemicals Library: S40888-3

References:

U.S. Pat., 1956, 2 773 903; *CA*, **51**, 16552, (*synth*)

Macleod, T.M. *et al.*, *Br. J. Dermatol.*, 1971, **84**, 266, (*pharmacol*)

Perrot, C. *et al.*, *Bull. Soc. Chim. Fr.*, 1974, 2225, (*synth*)

Martindale, The Extra Pharmacopoeia, 30th edn., *Pharmaceutical Press*, 1993, 1234