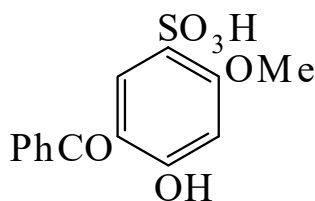




>>Entry Name: 5-Benzoyl-4-hydroxy-2-methoxybenzenesulfonic acid, 9CI, 8CI

Synonym(s): 6-Hydroxy-4-methoxybenzophenone-3-sulfonic acid. **Sulisobenzene**, INN, USAN. Sungard. Uval. Benzophenone 4. Cyasorb UV 284. NSC 60584. Spectra-Sorb UV 284. Uvinul MS 40



CAS Registry Number: 4065-45-6

Molecular Formula: C₁₄H₁₂O₆S

Molecular Weight: 308.311

Accurate Mass: 308.03546

Percentage Composition: C 54.54%; H 3.92%; O 31.14%; S 10.40%

Use/Importance: Potential thymidylate synthase inhibitor. UV screen. Light stabiliser for plastics

Melting Point: Mp 106-111°

Calculated Log P Data: Log P 1.72 (calc)

Rare Chemicals Library: S45466-4

Sigma: H2883

>>Derivative: Na salt

Synonym(s): Benzophenone 5

CAS Registry Number: 6628-37-1

References:

Fr. Pat., 1968, *General Aniline*, 1 545 111; *CA*, **71**, 123951j, (*synth*)

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Baer, R.L. *et al.*, *Arch. Dermatol.*, 1971, **104**, 446, (*tox*)

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Martindale, The Extra Pharmacopoeia, 28th/29th edn., Pharmaceutical Press, 1982, 9316

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