

BENZOPHENONE-4

Synonymous: Uvasorb S 5, Spectra-Sorb UV 284..

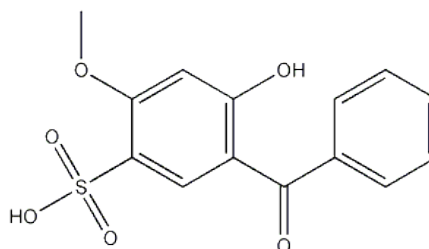
Chemical Name: 2-Benzoyl-5-methoxy-1-phenol-4-sulphonic acid,
 5-Benzoyl-4-hydroxy-2-methoxybenzenesulfonic acid.

Molecular Formula: C₁₄H₁₂O₆ S

Molecular Weight: 308.31

CAS # 4065-45-6

Mol. Structure:



Specification:

Appearance	White or light yellow crystalline powder
Assay	99.0% min.
Heavy metals	5ppm max.
Colour (Gardner-10% aqueous solution)	1.0 max.
Loss on drying	a.5.0% max b. 3.0% max
PH value	1.2-2.2
UV Absorbance Max @285nm	460 min.
UV Absorbance Max @325nm	290 min.
Melting Point (°C)	140 min.
Turbidity in water (EBC)	1.5 max

Applications

Ultraviolet Absorber Benzophenone-4 is a kind of excellent water-soluble ultraviolet absorber, which is generally used for water-soluble cosmetics to resist solarization and also as UV Absorbers for other water-soluble printing ink and dopes.

Packing

25 kg net weight cardboard drum

Storage

Store in a well-ventilated, cool, dry area, out of direct sunlight. Keep containers tightly closed when not in use.