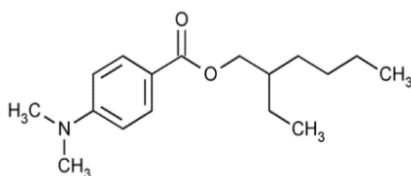


PADIMATE O

Product Name: Padimate O
Product Code: MFSORB 506
Production Site: MFCI(Huanggang) Co., Ltd.

Properties

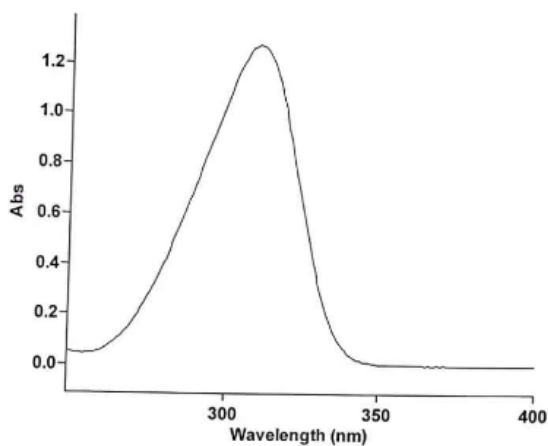
Structure:



Chemical Name: 2-Ethylhexyl 4-dimethylaminobenzoate
INCI Name: ETHYLHEXYL DIMETHYL PABA
EINECS No.: 244-289-3
CAS No.: 21245-02-3
Chemical Formula: C₁₇H₂₇NO₂
Molecular Weight: 277.4

UV Characteristics

UV Characteristics:



Physical Property

Appearance: Clear colorless to slightly yellowish liquid.
Identification: (USP) A. Infrared Absorption <197F>
 B. The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.
Assay (HPLC): (USP) 97.0%~102.0%
Specific Gravity (at 25°C): (USP) 0.990~1.000

Refractive Index (at 25°C): (USP) 1.5390~1.5430

Acid Value: (USP) 1.0 max

Saponification Value (USP) 195~215

Chromatographic Purity (GC)

Individual Impurity: 0.5% max

Total Impurities: (USP) 2.0% max

Application

Padimate O use in dyes and pharmaceutical intermediates. For the production of reactive red M-80, M-10B, reactive red purple X-2R and other dyes and the preparation of cyanobenzoic acid to produce drug p-carboxybenzylamine. Para-aminobenzoic acid can be used as a sunscreen, and its derivative is octyl dimethylcarbamate, which is an excellent sunscreen.

Packaging

25kgs/drum, 200kgs/drum

Storage

Preserve in tight, light-resistant containers. The shelf life of Padimate O is two years in original, unopened containers.

HS Code

2922499990

NOTE

The data submitted in this publication are based on our current knowledge and experience. They do not constitute a guarantee in the legal sense of the term and, in view of the manifold factors that may affect processing and application, do not relieve those to whom we supply our products from the responsibility of carrying out their own tests and experiments. Any relevant patent rights and existing legislation and regulations must be observed.