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Handcrafted Solutions For A High-Tech World

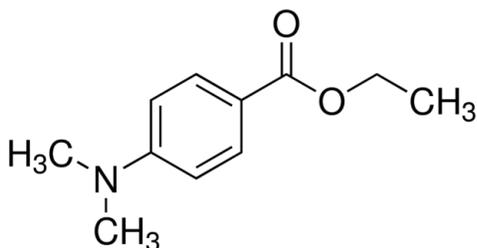
ETHYL-4-(DIMETHYLAMINO) BENZOATE
FP code 5170

General

Ethyl-4-(Dimethylamino) benzoate (EDAB) is a tertiary amine synergist typically used in combination with type II photoinitiators such as camphorquinone. During initiation, camphorquinone (CQ) undergoes hydrogen absorbance which is a type of photoinitiation mechanism where the CQ photosensitizer absorbs light to form a photoexcitation complex with the EDAB. As a result, amine-derived free radicals are subsequently generated.

Hampford Research's unique synthesis method and strict quality control assures end users of consistent, high performance.

Chemical structure



Product information

PRODUCT TYPE:	Tertiary amine synergist
PRODUCT NAME:	Ethyl-4-(Dimethylamino) benzoate (EDAB)
CAS NO.	10287-53-3
APPLICATIONS:	Dental
REGISTRATIONS:	AICS, DSL, EINECS, ENCS, ECL, PICCS, TSCA
SHELF LIFE:	1 year when stored indoors at 25 (+/- 5) deg C

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Typical properties

APPEARANCE:	White to light tan powder
ASSAY:	98.5%
MELTING POINT:	60-64oC
MOISTURE:	0.15%

Safety and Handling

Ethyl-4-(Dimethylamino) benzoate (EDAB) should be handled in accordance with good industrial practice. Detailed information is provided in the SDS.

Ethyl-4-(Dimethylamino) benzoate (EDAB) is sensitive to visible light and any exposure to sunlight should be avoided.

NOTE: Intellectual property issues cover the use of this material in select applications.
For additional information visit our website www.hampfordresearch.com.