

SpeedCure 8001

Feb-2022 v.3

Technical Data Sheet

General Information

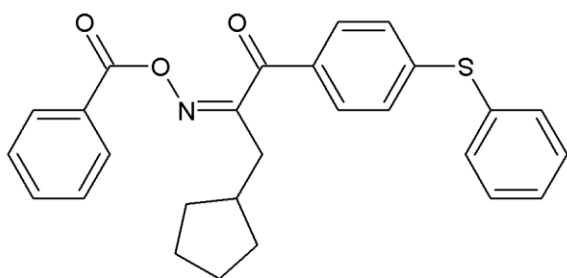
SpeedCure 8001 is a Norrish Type I photoinitiator from the oxime ester family, with absorption maxima at 240 and 331 nm. SpeedCure 8001 provides low yellowing when used at 0.5-5 wt% in UV curable filter resist formulations.

Chemical Name

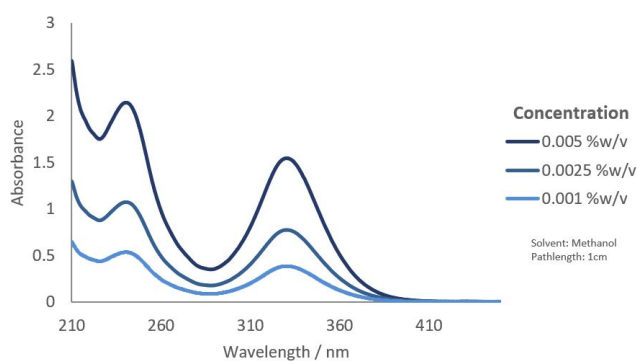
3-cyclopentyl-1-(4-(phenylthio)phenyl)propan-1,2-dione-2-(O-benzoyloxime)

CAS Number	EC Number	Mol. Wt.
1196481-09-0	n/a	443.6

Structure



UV Spectrum



Specification (LAM 403)

Appearance :	White to off-white solid
Purity (HPLC) :	≥ 98.0 %area
Melting Range :	84.0 - 89.0 °C
Loss on Drying (60°C, 2 hours) :	≤ 0.5 %w/w

Applications

- Pigmented systems
- LED curing
- Electronics

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

Global Inventories

TSCI

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