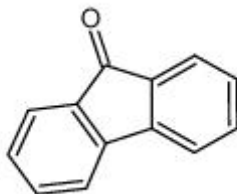


FC-034 (CAS 486-25-9) fluoren-9-one**BASIC
INFORMATION**

Cas: 486-25-9
Name: fluorene oxygen; dibenzopentacyclic ketone;
fluoren-9-one; Diphenylene ketone;
9-Oxofluorene; FLUORENONE; 9-Fluorenone; 9H-Fluoren-9-one;
Molecular formula: C₁₃H₈O
Molecular weight: 180.20200
PSA: 17.07000
LOGP: 2.89800

PHYSICAL INDEX

Appearance and properties: yellow crystalline powder
Density: 0,9 g/cm³
Boiling point: 342 ° C(lit.)
Melting point: 80-83 ° C(lit.)
Flash point: 163 ° C
Refractive index: 1.6309 (99° C)
Water solubility: insoluble
Stability: Stable. Combustible. Incompatible with strong oxidizing agents.
Storage conditions: Store at RT.
Vapor pressure: 8.01E-05mmHg at 25° C

**SECURITY
INFORMATION**

RTECS number: LL8925000
Safety instructions: S24/25
WGK Germany: 3
Hazard category code: R36/37/38
Customs code: 2914399090
Hazard category: 4.1
Packing class: II; III
Dangerous goods mark: Xi

**PRODUCTION
METHODS AND
APPLICATION**

use
Fluorenone is a raw material for a variety of fine chemicals,
mainly used in functional polymers, but also in medicine,
pesticides, dyes, etc.

