

Catalog	Unit
TBI1440-10MG	10 mg
TBI1440-50MG	50 mg

### Product Details

**Formal Name:** 7-Ethoxy-2-oxo-2H-1-benzopyran-3-carbonitrile

**Molecular Formula:** C<sub>12</sub>H<sub>9</sub>NO<sub>3</sub>

**Formula Weight:** 215.2

**CAS Number:** 117620-77-6

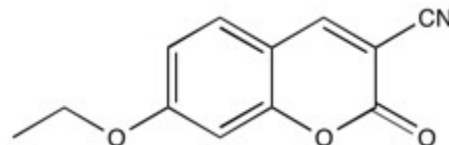
**Purity:** >98%

**Formulation:** Powder

**Solubility:** Soluble in DMSO (up to 20 mg/ml with warming) or in Ethanol (up to 3 mg/ml with warming)

**Storage:** Room temperature / protect from light

**Stability:** ≥ 1 year.



### Applications

Cytochrome P450 Fluorescent substrate

### Functions

Fluorescent substrate for cytochrome P450. Excitation/emission = 408/455 nm. May be used for CYP1A2 and CYP2C19 in intact cells. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 20 mg/ml with warming) or in Ethanol (up to 3 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

**For research use only.**