

**Resorufin pentyl ether \*CAS 87687-03-4\***

Catalog number: 15025

Unit size: 5 mg

**Product Details**

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Storage Conditions Freeze (&lt;15 °C), Minimize light exposure

Expiration Date 12 months upon receiving

**Chemical Properties**

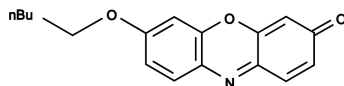
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Appearance Yellow solid

Molecular Weight 283.32

Soluble In DMSO

Chemical Structure

**Spectral Properties**

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Excitation Wavelength 571 nm

Emission Wavelength 584 nm

**Applications**

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This fluorogenic resorufin ether is widely used for monitoring P450 activities in cell extracts and solutions. Cytochrome P450 oxidase (CYP450) is a large number of evolutionary related oxidative enzymes important in animal, plant, and bacterial physiology. Most cytochromes P450 (CYPs) have about 500 amino acids and a heme group at the active site.