

## Resorufin ethyl ether

Cat. No. CSUB-0191

Lot. No. (See product label)

### Introduction

**Applications** Resorufin ethyl ether is suitable for the study of dealkylating activity of cytochrome P450 isozymes 1A1 and 1A2, where arylalkyl and alkyl isothiocyanates, and their glutathione, cysteine, and A'-acetylcysteine conjugates are used as inhibitors. It is suitable to study the ethoxyresorufin-O-deethylase (EROD) activity of cytochrome P450 activity (CYP1A1).

**Synonyms** 7-Ethoxy-3H-phenoxazin-3-one; Ethoxyresorufin; O7-Ethylresorufin

### Product Information

**CAS No.** 5725-91-7

**Molecular Formula** C<sub>14</sub>H<sub>11</sub>NO<sub>3</sub>

**Molecular Weight** 241.24

**mp** 223-225 °C(lit.)

**Substrates** Cytochrome P450

### Storage and Shipping Information

**Storage** -20°C