

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 C₁₄H₁₁NO₃

Molecular Weight 241.24

mp 223-225 °C(lit.)

Substrates Cytochrome P450

Storage and Shipping Information

Storage -20°C