Creative Enzymes®

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