

3-Cyano-7-ethoxycoumarin

Cat. No. DYE-157 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Description This fluorogenic coumarin 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.

CAS number 117620-77-6

Molecular Mass 215.2

Formula C₁₂H₉NO₃

Ex(nm) 408

Em(nm) 450

Solvent DMSO

Storage Store at -20°C in the dark. Dessicated.

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