

4-Methylumbelliferyl caprylate

Cat. No. CSUB-0678

Lot. No. (See product label)

Introduction

Description 4-Methylumbelliferyl caprylate is a fluorogenic substrate for esterase with C8 activity yielding a blue fluorescent solution upon cleavage. Employed in the identification of Salmonella spp. based on the detection of caprylate esterase.

Applications A fluorogenic substrate

Synonyms 4-Methylumbelliferyl octanoate; 4-methyl-2-oxo-2H-chromen-7-yl octanoate

Product Information

Form Solid

CAS No. 20671-66-3

Molecular Formula C₁₈H₂₂O₄

Molecular Weight 302.36

Solubility Soluble in ethyl acetate (~50 mg/ml), methanol, water, and acetone (>10 mg/ml).

Substrates Lipase

Refractive Index 1.51 (Predicted)

Storage and Shipping Information

Storage Store at -20° C