Creative Enzymes®

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