

Enzyme Data

BCC-Nr.	070
Enzyme	Esterase
EC-No.	3.1.1.1
T_{opt}	70°C (recommended 60-75°C)
pH_{opt}	7 (recommended 6-9)
Stability	t_{1/2} (60°C) = 60 min, no loss of activity for 1 h at 50°C
Activity and substrate specificity	- 50 U/mg (pNP-caprylate) - converts substrates up to C10, C5/C6
Additives	- inhibited by Fe³⁺, Zn²⁺, Cr²⁺, Cu²⁺ - no further information available