innovation diagnostic chemicals

SPECIFICATIONS

Cholesterol Esterase from Pseudomonas species

CHE-688

Nomenclature :	Steryl-ester acylhydrolase
EC:	3.1.1.13
Appearance :	Brownish powder
Activity :	≥ 100 U/mg lyophilizate
Contaminant :	Catalase ≤ 0.01 %
Stability :	Stable at – 20℃ for at least 12 months
Molecular weight :	290 kD
Isoelectric point :	5.1
Michaelis constants:	5.7×10^{-5} M (Linoleate), 6.9×10^{-5} M (Oleate)
Inhibitors :	Heavy metals
Optimum pH :	6.0 - 9.0
Optimum temperature :	40℃
pH stability :	5.0 - 9.0
Thermal stability :	below 60 ℃

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