

Enzyme Triacylglycerol lipase

Systematic name Triacylglycerol acylhydrolase

IUBMB nomenclature Triacylglycerol lipase

CAS number 9001-62-1

IUBMB number EC 3.1.1.3

EC number 232-619-9

Synonyms

- lipase; triglyceride lipase; tributyrase; butyrylase; glycerol ester hydrolase; tributyrinase; Tween hydrolase; steapsin; triacetinase; tributyrin esterase; Tweenase; amno N-AP; Takedo 1969-4-9; Meito MY 30; Tweenesterase; GA 56; capalase L; triglyceride hydrolase; triolein hydrolase; tween-hydrolyzing esterase; amano CE; cacordase; triglyceridase; triacylglycerol ester hydrolase; amano P; amano AP; PPL; glycerol-ester hydrolase; GEH; meito Sangyo OF lipase; hepatic lipase; lipazin; post-heparin plasma protamine-resistant lipase; salt-resistant post-heparin lipase; heparin releasable hepatic lipase; amano CES; amano B; tributyrase; triglyceride lipase; liver lipase; hepatic monoacylglycerol acyltransferase

Properties triacylglycerol + H₂O = diacylglycerol + a carboxylate. The pancreatic enzyme acts only on an ester-water interface; the outer ester links are preferentially hydrolysed.