Data Sheet (Cat.No.T65529)

TargetMol

Lipase, triacylglycerol

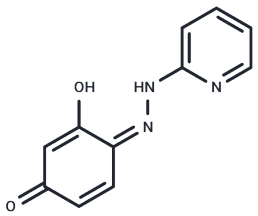
Chemical Properties

CAS No. : 9001-62-1

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Lipase, triacylglycerol (Alkaline lipase) is a specific enzyme that plays an important role in the catabolism of triacylglycerol to glycerol and fatty acids and is required for the transfer of fatty acids to various tissues of the body, and whose transcriptional receipt of transcripts is subjected to nutrient/hormonal regulation and is capable of being upregulated by PPARγ,TNFα downregulation, and insulin-mediated downregulation of FOXO1 nuclear localization.
Targets(IC50)	Lipase

Solubility Information

Solubility	H2O: 11.79 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Reference

Liston TE, Nasjletti A. Triacylglycerol lipase activity in the rabbit renal medulla. Biochim Biophys Acta. 1987 Oct 17; 921(3):449-56. PMID: 2822129.

Knauer TE, Woods JA, Lamb RG, Fallon HJ. Hepatic triacylglycerol lipase activities after induction of diabetes and administration of insulin or glucagon. J Lipid Res. 1982 May;23(4):631-7. PMID: 7047662.

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