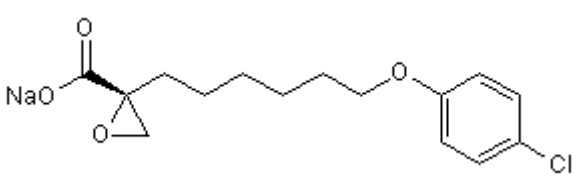




Product Introduction

(+)-Etomoxir sodium salt

Technical Data:

Molecular Weight (MW):	320.75	
Formula:	C ₁₅ H ₁₈ ClO ₄ ·Na	
Solubility:	Soluble to 20 mM in water and to 20 mM in DMSO	
Purity:	>98%	
Storage:	ore at -20°C	
CAS No.:	828934-41-4	

Biological Activity

Inhibitor of carnitine palmitoyltransferase I (CPT1); inhibits β -oxidation in mitochondria. Shown to inhibit cardiolipin biosynthesis from exogenous fatty acid in H9c2 cells.

References

Agius et al (1991) Stereospecificity of the inhibition of etomoxir of fatty acid and cholesterol synthesis in isolated rat hepatocytes. *Biochem.Pharmacol.* 42 1717. PMID: 1930298.

Rupp et al (1992) Modification of subcellular organelles in pressure-overloaded heart by etomoxir, a carnitine palmitoyltransferase I inhibitor. *FASEB J.* 6 2349. PMID: 1531968.

Xu et al (2003) Etomoxir mediates differential metabolic channeling of fatty acid and glycerol precursors into cardiolipin in H9c2 cells. *J.Lipid Res.* 44 415. PMID: 12576524.

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