

Product Datasheet

Decanoyl-L-carnitine (chloride) (orb1693551)

Catalog Number	orb1693551
Category	Small Molecules
Description	Decanoyl-L-carnitine is an acylcarnitine ester that enhances the synthesis of very long-chain fatty acids, including C24 intermediates, DPA, and DHA, in cellular models like rat hepatocytes. It is used in lipid metabolism research to study fatty acid elongation and desaturation pathways in vitro.
Target	Others
MW	351.91
CAS Number	369651-88-7
Formula	$C_{17}H_{34}ClNO_4$
SMILES	<chem>[Cl-].CCCCCCCCC(=O)O[C@H](CC(O)=O)C[N+](C)(C)C</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

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