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Product Datasheet

(R)-(+)Etomoxir Na
FBM-10-4731

Artikelname	(R)-(+)-Etomoxir Na
Artikelnummer	FBM-10-4731
Hersteller Artikelnummer	10-4731
Alternativnummer	FBM-10-4731-5MG,FBM-10-4731-25MG,FBM-10-4731-10MM/1MLDMSO
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Carnitine palmitoyltransferase inhibitor...
Molekulargewicht	320.74
Reinheit	98% by HPLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[828934-41-4]
Formel	C ₁₅ H ₁₈ ClO ₄ Na
Anwendungsbeschreibung	<p>Etomoxir (828934-41-4) is an irreversible inhibitor of mitochondrial carnitine palmitoyl transferase 1 (CPT1).¹ It is widely used to study fatty acid oxidation. Etomoxir has been investigated as a therapeutic agent for heart disease², diabetes³, and cancer^{4,5}. Use of etomoxir in concentrations greater than 5 μM induces acute production of ROS with associated evidence of severe oxidative stress in proliferating T cells indicating a loss of specificity for CTP1 at these concentrations.⁶ 200 μM etomoxir inhibited complex I of the electron transport chain.⁷</p>