

Etomoxir Biochemical

Etomoxir

CATALOG #
AAA201898

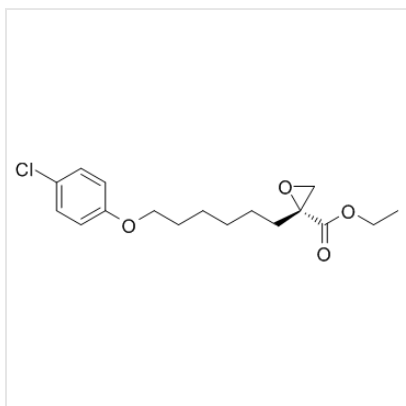
PRODUCT SYNONYMS

Etomoxir; B 807-54; B80754; B-80754; (R)-(+)-Etomoxir; Etomoxir biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98% (HPLC)
Suitability	10mM in DMSO
Target	Other Targets
Receptor	Other Targets
Chemical Name	2-Oxiranecarboxylic acid, 2-[6-(4-chlorophenoxy)hexyl]-, ethyl ester, (2R)
SMILES	<chem>O=C([C@]1(CCCCCCOC2=CC=C(Cl)C=C2)OC1)OCC</chem>
Molecular Formula	C17H23ClO4
CAS Number	124083-20-1
Preparation and Storage	Store at -20 degree C for ≥2 years.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Etomoxir biochemical	An irreversible inhibitor of carnitine palmitoyltransferase-1 (CPT-1) that inhibits fatty acid beta-oxidation in rat liver with IC50 of 5-20nM; affects ketogenesis, cholesterol synthesis, and gluconeogenesis both in vitro and in vivo; decreases viability in LNCaP, VCaP, and patient-derived benign and prostate cancer cells, associated with decreased AR expression, decreased mTOR signaling, and increased caspase-3 activation; decreases xenograft growth in mice. Heart Failure Phase 2 Discontinued
Product Categories/Family for Etomoxir biochemical	Metabolic Disease

References

1. Lopaschuk GD, et al. Circ Res. 1988 Dec; 63 (6):1036-43.
2. Kruszynska YT, et al. Biochem Pharmacol. 1987 Nov 15; 36 (22):3917-21.
3. Schlaepfer IR, et al. Mol Cancer Ther. 2014 Oct; 13 (10):2361-71.

NCBI AND UNIPROT INFORMATION

Molecular Weight

326.82

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/etomoxir/201898>