Creative Enzymes®

Miltefosine (Hexadecylphosphocholine)

Cat. No. CEI-0907

Lot. No. (See product label)

Introduction

Description Miltefosine inhibits PI3K/Aktactivity with ED50 of 17.2 μM and 8.1 μM in carcinoma cell lines A431 and HeLa, first oral drug for Visceral leishmaniasis, effective against both promastigotes and amastigotes. Phase 4.

Product Information

CAS No. 58066-85-6

Molecular Formula C21H46NO4P

Chemical Name Ethanaminium, 2-[[(hexadecyloxy)hydroxyphosphinyl]oxy]-N,N,N-trimethyl-, inner salt

Molecular Weight 407.57

Targets PI3K

Solubility DMSO <1 mg/mL; Water 82 mg/mL; Ethanol 82 mg/mL

Storage and Shipping Information

Storage 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.