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.