

Miltefosine (Hexadecylphosphocholine)

Cat. No. CEI-0907

Lot. No. (See product label)

Introduction

Description

Miltefosine inhibits PI3K/Akt activity with ED50 of 17.2 μ M and 8.1 μ M 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.