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DATASHEET

Miltefosine

Product overview

Name	Miltefosine
Cat No	HB0412
Biological action	Inhibitor
Purity	>98%
Description	Akt inhibitor

Images



Biological Data

Biological description

Akt inhibitor. Inhibits T-cell proliferation and HIV-1 cell survival and production. Displays anti-inflammatory and anticancer properties with broad spectrum of fungicidal and antiameobae activities. Blood brain barrier permeable.

This is a research use only product, exclusively for biomedical research use at verified research organizations. It is not intended for human or veterinary use.

Solubility & Handling

Storage instructions

-20 °C

Solubility overview

Soluble in water (25 mM)

Important

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

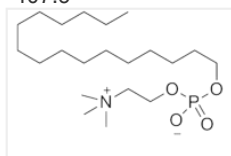
Chemical name

1-Hexadecylphosphorylcholine

Molecular Weight

407.6

Chemical structure



Molecular Formula	C ₂₁ H ₄₆ NO ₄ P
CAS Number	58066-85-6
PubChem identifier	3599
SMILES	CCCCCCCCCCCCCCCCOP(=O)([O-])OCC[N+](C)(C)C

References

Miltefosine suppresses inflammation in a mouse model of inflammatory bowel disease.

Verhaar AP *et al* (2013) *Inflamm Bowel Dis* 19(9)

PubMedID [23811637](#)

Akt inhibitors as an HIV-1 infected macrophage-specific anti-viral therapy.

Chugh P *et al* (2008) *Retrovirology* 5

PubMedID [18237430](#)

Miltefosine enhances phagocytosis but decreases nitric oxide production by peritoneal macrophages of C57BL/6 mice.

Ponte CB *et al* (2012) *Int Immunopharmacol* 13(1)

PubMedID [22465961](#)
