

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@m2stage.hellobio.com



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)

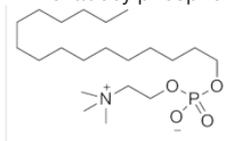
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.
------------------	-------------------------------------------------------------------------------------------------------------------------------

Chemical Data

Chemical name	1-Hexadecylphosphorylcholine
Molecular Weight	407.6
Chemical structure	<input type="text"/>

Chemical name

1-Hexadecylphosphorylcholine



Molecular Formula

C₂₁H₄₆NO₄P

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](#)
