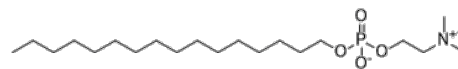


**Product Name** : Miltefosine  
**Cat. No.** : PC-23591  
**CAS No.** : 58066-85-6  
**Molecular Formula** : C<sub>21</sub>H<sub>46</sub>NO<sub>4</sub>P  
**Molecular Weight** : 407.58  
**Target** : Bacterial  
**Solubility** : 10 mM in DMSO



## Biological Activity

Miltefosine is a phosphatidylcholine analog with anti-leishmanial activity, inhibits PI3K/Akt activity, shows broad spectrum antimicrobial, anti-leishmanial and anticoronaviral activity.

Miltefosine is an antiprotozoal prescription medicine approved by the U.S. Food and Drug Administration (FDA) for the treatment of leishmaniasis.

Miltefosine shows broad spectrum antimicrobial, anti-leishmanial.

Miltefosine has a role as an antineoplastic agent, an antiprotozoal drug, an antifungal agent, an immunomodulator, an anti-inflammatory agent, an apoptosis inducer, a protein kinase inhibitor and an anticoronaviral agent.

## References

Uberall F, et al. *Cancer Res.* 1991 Feb 1;51(3):807-12.

Bhatt AP, et al. *Blood.* 2010 Jun 3;115(22):4455-63.

Chugh P, et al. 2008 Jan 31;5:11

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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