

Product datasheet

Miltefosine, PI 3-kinase and Akt inhibitor ab143837

1 Image

Overview

<b>Product name</b>	Miltefosine, PI 3-kinase and Akt inhibitor
<b>Description</b>	Alkylphosphocholine PI 3-kinase and Akt inhibitor
<b>Biological description</b>	Alkylphosphocholine PI 3-kinase and Akt inhibitor. Blocks IgE receptor-dependent mast cell activation. Shows antiparasitic (IC <sub>50</sub> = 260 nM, Leishmania donovani) and antitumor effects <i>in vivo</i> Orally active.

**CAS Number** 58066-85-6

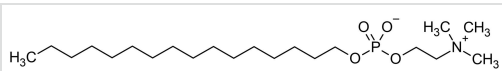
**Chemical structure**



Properties

<b>Chemical name</b>	Hexadecyl 2-(trimethylazaniumyl)ethyl phosphate
<b>Molecular weight</b>	407.57
<b>Molecular formula</b>	C <sub>21</sub> H <sub>46</sub> NO <sub>4</sub> P
<b>PubChem identifier</b>	3599
<b>Storage instructions</b>	Store at Room Temperature. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 25 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	CCCCCCCCCCCCCCCCOP(=O)([O-])OCC[N+](C)(C)C
<b>Source</b>	Synthetic

Images



2D chemical structure image of ab143837, Miltefosine, PI 3-kinase and Akt inhibitor

Chemical Structure - Miltefosine, PI 3-kinase and Akt inhibitor (ab143837)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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