



LKT Laboratories, Inc.

Bis(aziridinyl)methylamino Phosphine Sulfide

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID B3373

CAS No. 13687-09-7

Chemical Name Bis(aziridinyl)methylamino phosphine sulfide

Synonym Bisazir

Formula C₅H₁₂N₃PS

Formula Wt. 177.21

Melting Point 69-72 °C

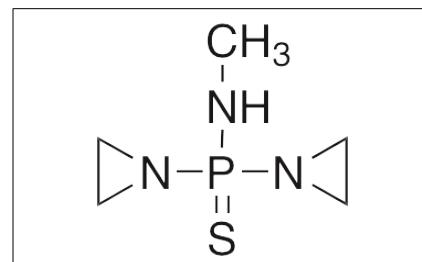
Purity ≥98%

Solubility Soluble in DMSO.

Store Temp -20 °C

Ship Temp Dry Ice

Description Bis(aziridinyl)methylaminophosphine is an anti-fertility/sterilization agent used to sterilize male insects and lamprey eels. This compound induces DNA fragmentation in spermatozoa and is very hazardous.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B3373	500 mg	\$110.10
B3373	1 g	\$185.90
B3373	5 g	\$738.90

References Ciereszko A, Wolfe TD, Dabrowski K. Analysis of DNA damage in sea lamprey (*Petromyzon marinus*) spermatozoa by UV, hydrogen peroxide, and the toxicant bisazir. *Theriogenology*. 2005 Jun 15;73(2):128-38. PMID: 15885821.

Ciereszko A, Babiak I, Dabrowski K. Efficacy of animal anti-fertility compounds against sea lamprey (*Petromyzon marinus*) spermatozoa. *Theriogenology*. 2004 Apr 15;61(6):1039-50. PMID: 15036993.

Srivastava VK, Kumar K. Effect of the chemosterilant bisazir on the testes of the spotted bollworm *Earias fabia* stoll. *Toxicology*. 1984 Jun;31(3-4):335-42. PMID: 6740707.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.