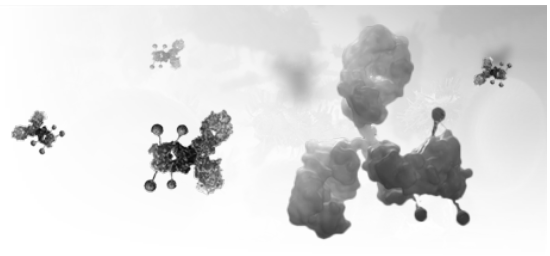

Paromomycin [KLH] (DAG082S)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Nature	Synthetic
Expression System	N/A
Species	N/A
Conjugate	KLH
Applications	ELISA, LF
Format	Liquid
Concentration	Please refer to the vial lable for the specific concentration.
Size	1 mg
Buffer	Supplied in PBS
Preservative	None
Storage	Short Term: 2-8°C. Long Term: -20°C. Avoid multiple freeze-thaw cycles.
Warnings	For research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals.

BACKGROUND

Introduction	Paromomycin is an aminoglycoside antibiotic that is effective against Gram-negative and Gram-positive bacteria (MICs = 0.08-3.9 μg/ml). It also has antiprotozoal properties and decreases the parasite burden of mice infected with the leishmanial strain L. tropica when administered at doses of 50 mg/kg and 15 mg/kg, through intramuscular or intralesional routes, respectively. Paromomycin binds to the tRNA decoding A site of the 16S ribosomal RNA in bacteria, inducing a conformational change that disrupts translation and inhibits protein synthesis.
Keywords	Catenulin; Aminosidine; monomycin; aminosidin; Paromomycin

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221