TunR2 biochemical

TunR2

CATALOG #
AAA227164

PRODUCT SYNONYMS

TunR2; TunR2 biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Melarsomine, CAS 128470-15-5



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ADDITIONAL INFORMATION

Related Product Information for TunR2 biochemical	TunR2 is an antibiotic and derivative of tunicamycin.1It is active againstB. subtilis(MIC = 0.3 ug/ml) and increases the efficacy of the beta-lactam antibiotics oxacillin, methicillin, and penicillin G againstB. subtiliswhen used at a concentration of 0.4 ug/ml. Unlike tunicamycin, TunR2 is non-toxic toS. cerevisiae(MIC = 10 ug/ml) and does not inhibit glycosylation in a protein N-glycosylation assay. TunR2 also has reduced antiproliferative activity against MDA-MB-231 and CHO cells compared with tunicamycin.
References	1. Baneth G, et, al. Dirofilaria repens infection in a dog: diagnosis and treatment with melarsomine and doramectin. Vet Parasitol. 2002 Apr 30;105(2):173-8. 2. Desquesnes M, et, al. An evaluation of melarsomine hydrochloride efficacy for parasitological cure in experimental infection of dairy cattle with Trypanosoma evansi in Thailand. Parasitology. 2011 Aug;138(9):1134-42.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/biochemical/tunr2/227164