

Melarsomine Biochemical

Melarsomine

CATALOG #
AAA227573

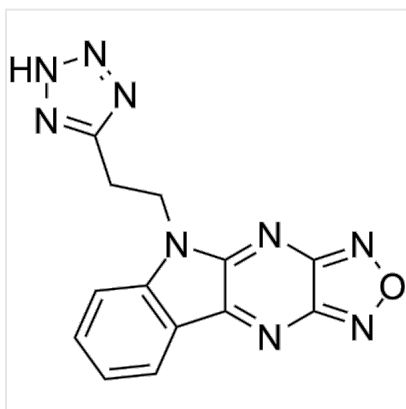
PRODUCT SYNONYMS

Melarsomine; Melarsomine biochemical

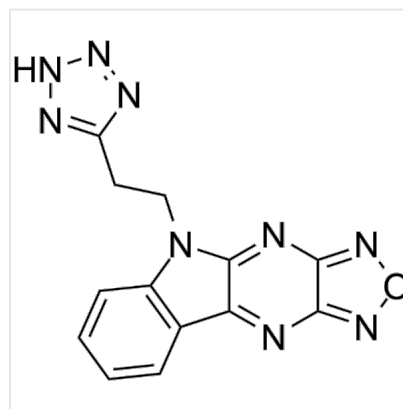
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	128470-15-5
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Melarsomine (2.5 mg/kg; deep i.m. injection) combined with Doramectin managed to clear the D. repens infection in dogs[1]. Melarsomine (0.25 mg/kg; deep i.m. injection) can cure T. evansi infection in camels[2]. Melarsomine (0.5 mg/kg; deep i.m. injection) can cure T. evansi infection in dairy cattle in Thailand[2].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
beta-catenin-IN-37, CAS 1783856-40-5



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ADDITIONAL INFORMATION

Related Product Information for Melarsomine biochemical	Melarsomine is a trivalent arsenical compound used as an adulticide. Melarsomine can be used for the reserach of canine heartworm disease and other helminth infections.
References	1. Catrow JL, et al. Discovery of Selective Small-Molecule Inhibitors for the beta-Catenin/T-Cell Factor Protein-Protein Interaction through the Optimization of the Acyl Hydrazone Moiety. J Med Chem. 2015;58(11):4678-4692.

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.