

## Melarsoprol

Cat. No.:	HY-119594
CAS No.:	494-79-1
Molecular Formula:	C <sub>12</sub> H <sub>15</sub> AsN <sub>6</sub> OS <sub>2</sub>
Molecular Weight:	398.34
Target:	Parasite; Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Melarsoprol, a melaminophenylarsine-type trivalent organic arsenical, is an important drug for African trypanosomiasis. Melarsoprol is also active against leukemia cell lines and plasma cells from myeloma patients. Melarsoprol increases the biliary output of GSH in rats<sup>[1]</sup>.

### REFERENCES

[1]. Z Gregus, et al. Role of glutathione in the biliary excretion of the arsenical drugs trimelarsan and melarsoprol. *Biochem Pharmacol.* 2000 Jun 1;59(11):1375-85.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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