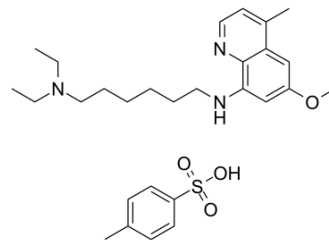


## Sitamaquine tosylate

Cat. No.:	HY-19688B
CAS No.:	1019640-33-5
Molecular Formula:	C <sub>28</sub> H <sub>41</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	515.71
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Sitamaquine (WR 6026) tosylate, an orally active 8-aminoquinoline analog, is an antileishmanial agent. Sitamaquine is a lipophilic weak base that rapidly accumulates in acidic compartments of *Leishmania* spp., mainly in acidocalcisomes<sup>[1]</sup>.

### REFERENCES

[1]. López-Martín C, et al. Sitamaquine sensitivity in *Leishmania* species is not mediated by drug accumulation in acidocalcisomes. *Antimicrob Agents Chemother.* 2008;52(11):4030-4036.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA