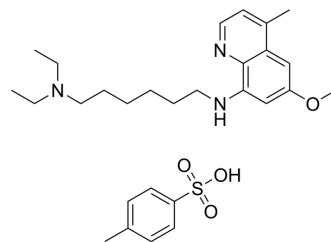


Sitamaquine tosylate

Cat. No.:	HY-19688B
CAS No.:	1019640-33-5
Molecular Formula:	C ₂₈ H ₄₁ N ₃ O ₄ 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 <i>Leishmania</i> spp., mainly in acidocalcisomes ^[1] .
IC ₅₀ & Target	Leishmania

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.

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