



## Naphthoquine (phosphate)

Catalog No: tcsc0739

Available Sizes
Size: 10mg
Size: 50mg
Size: 100mg
Size: 500mg
Specifications
CAS No: 173531-58-3
<b>Formula:</b> C <sub>24</sub> H <sub>34</sub> CIN <sub>3</sub> O <sub>9</sub> P <sub>2</sub>
Pathway: Anti-infection
<b>Target:</b> Parasite
Purity / Grade: >98%
Solubility: DMSO :
Observed Molecular Weight: 605.94

## **Product Description**

Naphthoquine phosphate is antimalarial drug.





IC50 Value: N/A

Target: Antiparasitic

Naphthoquine phosphate and artemisinine are two antimalarials developed in China. Both drugs have proven to be efficacious and well tolerated as monotherapy as well as in combination in patients suffering from malaria. The Co-naphthoquine, a novel antimalarial combination, is an oral fixed combination tablet of the naphthoquine phosphate and artemisinine. Artemisinin is characterised by a rapid onset of schizonticidal action and a short half-life. Parasite clearance is, however, often incomplete when it is employed as a single agent unless high dosages are used over several days, but such a regimen may reduce patient compliance and increase the danger of toxicity. Naphthoquine phosphate, by contrast, has a slower onset of action and a longer half-life, associated with a low recrudescence rate.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!