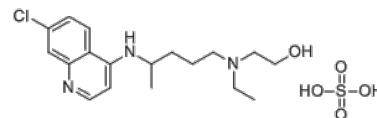


Product Name : Hydroxychloroquine sulfate
Cat. No. : PC-60596
CAS No. : 747-36-4
Molecular Formula : $C_{18}H_{28}ClN_3O_5S$
Molecular Weight : 433.948
Target : Autophagy
Solubility : 10 mM in DMSO



Biological Activity

Hydroxychloroquine sulfate is a synthetic antimalarial drug that inhibits **autophagy**, also inhibits **TLR7** and **TLR9** signaling, also inhibits peptidyl arginine deiminase 4 (**PAD4**).

References

- Lamphier M, et al. *Mol Pharmacol*. 2014 Mar;85(3):429-40.
Piconi S, et al. *Blood*. 2011 Sep 22;118(12):3263-72.
Noman MZ, et al. *Cancer Res*. 2011 Sep 15;71(18):5976-86.
Boya P, et al. *Mol Cell Biol*. 2005 Feb;25(3):1025-40.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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