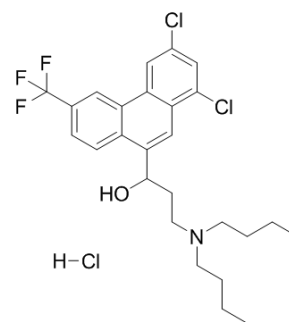


## Halofantrine hydrochloride

Cat. No.:	HY-A0148A		
CAS No.:	36167-63-2		
Molecular Formula:	C <sub>26</sub> H <sub>31</sub> Cl <sub>3</sub> F <sub>3</sub> NO		
Molecular Weight:	536.88		
Target:	Parasite		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

Description	Halofantrine hydrochloride (SKF-102886) is a blocker of delayed rectifier potassium current via the inhibition of <b>human-ether-a-go-go-related gene (HERG) channel</b> and a potent antimalarial compound <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Malaria <sup>[1]</sup> .HERG channel <sup>[2]</sup> .

### REFERENCES

- [1]. Krishna S, et al. Pharmacokinetics, efficacy and toxicity of parenteral halofantrine in uncomplicated malaria. Br J Clin Pharmacol. 1993 Dec;36(6):585-91.
- [2]. Tie, H., et al., Inhibition of HERG potassium channels by the antimalarial agent halofantrine. Br. J. Pharmacol. 130, 1967-1975, (2000) Traebert.

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

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