

Product Name	: Tafenoquine
Synonyms	: SB-252263; Tafenoquine; WR 238605
Cat No.	: M10284
CAS Number	: 106635-80-7
Molecular Formula	: C ₂₄ H ₂₈ F ₃ N ₃ O ₃
Formula Weight	: 463.50
Chemical Name	: N4-(2,6-dimethoxy-4-methyl-5-(3-(trifluoromethyl)phenoxy)quinolin-8-yl)pentane-1,4-diamine
Description	: Tafenoquine (SB-252263, Tafenoquine, WR 238605) is a long-acting, orally active anti-malarial agent to prevent malaria that is holoendemic for Plasmodium falciparum. Parasite Infection Phase 3 Clinical
Pathway	: Microbiology/Virology
Target	: Parasite
Receptor	: Parasite
Solubility	: —
SMILES	: <chem>CC1=CC(=NC2=C1C(=C(C=C2NC(C)CCCN)OC)OC3=CC=CC(=C3)C(F)(F)F)OC</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Shanks GD, et al. Clin Infect Dis. 2001 Dec 15;33(12):1968-74. | 2. Ramharter M, et al. Am J Trop Med Hyg. 2002 Jul;67(1):39-43. | 3. Pradines B, et al. Antimicrob Agents Chemother. 2006 Sep;50(9):3225-6.