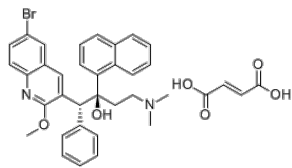


Product Name	: Bedaquiline fumarate	
Synonyms	: R403323; TMC207 fumarate; R207910 fumarate	
Cat No.	: M16140	
CAS Number	: 845533-86-0	
Molecular Formula	: C ₃₆ H ₃₅ BrN ₂ O ₆	
Formula Weight	: 671.59	
Chemical Name	: (1R,2S)-1-(6-bromo-2-methoxyquinolin-3-yl)-4-(dimethylamino)-2-naphthalen-1-yl-1-phenylbutan-2-ol,(E)-but-2-enedioic acid	
Description	: Bedaquiline fumarate (R403323, TMC207 fumarate, R207910 fumarate) is a diarylquinoline antibiotic that targets ATP synthase, is effective for the treatment of Mycobacterium tuberculosis infections. Bacterial Infection Approved	
Pathway	: GPCR/G Protein	
Target	: Antibacterial	
Receptor	: Antibacterial	
Solubility	: DMSO : 100 mg/mL 148.90 mM; H ₂ O : < 0.1 mg/mL	
SMILES	: <chem>CN(C)CCC(C1=CC=CC2=CC=CC=C21)(C(C3=CC=CC=C3)C4=C(N=C5C=CC(=CC5=C4)Br)OC)O.C(=CC(=O)O)C(=O)O</chem>	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Jang JC, et al. J Microbiol. 2017 Apr 20;| 2. Pang Y, et al. Antimicrob Agents Chemother. 2017 Apr 24;61(5);| 3. Chahine EB, et al. Ann Pharmacother. 2014 Jan;48(1):107-15.