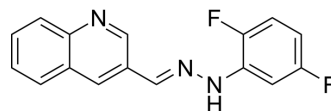


Anti-MRSA agent 6

Cat. No.:	HY-147882
CAS No.:	2452302-73-5
Molecular Formula:	C ₁₆ H ₁₁ F ₂ N ₃
Molecular Weight:	283.28
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Anti-MRSA agent 6 (compound 3q6) is a potent anti-methicillin-resistant <i>Staphylococcus aureus</i> (anti-MRSA) agent. Anti-MRSA agent 6 shows low cytotoxicity for MCF-7, A549 cells ^[1] .
In Vitro	Anti-MRSA agent 6 (compound 3q6) show antimicrobial activity with MICs of 16, 16, 32, 64, 256, 256, 128 µg/mL for <i>S. aureus</i> ATCC 29213, <i>S. aureus</i> isolate, <i>E. faecalis</i> ATCC 29212, <i>E. faecalis</i> isolate, <i>E. coli</i> ATCC 25922, <i>E. coli</i> isolate, <i>P. aeruginosa</i> ATCC 27853, <i>P. aeruginosa</i> isolate, respectively ^[1] . Anti-MRSA agent 6 (100 µM) shows low cytotoxicity for MCF-7, A549 cells, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Puskullu MO, et al. Antimicrobial and antiproliferative activity studies of some new quinoline-3-carbaldehyde hydrazone derivatives. *Bioorg Chem.* 2020 Aug;101:104014.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA