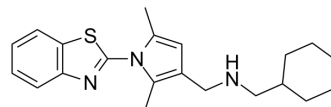


## Antitubercular agent-16

Cat. No.:	HY-146557
Molecular Formula:	C <sub>21</sub> H <sub>27</sub> N <sub>3</sub> S
Molecular Weight:	353.52
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antitubercular agent-16 (Compound 5q) is an antitubercular agent with MIC<sub>90</sub> values of 0.40, 20.11, 23.51, 19.62, 10.93 and 13.62 µg/mL against *M. tuberculosis* H37Rv, CF16, CF61, CF76, CF152 and CF161, respectively. Antitubercular agent-16 shows low cytotoxicity against macrophages and pulmonary fibroblasts<sup>[1]</sup>.

### REFERENCES

[1]. Semenya D, et al. Tapping into the antitubercular potential of 2,5-dimethylpyrroles: A structure-activity relationship interrogation. *Eur J Med Chem.* 2022 Jul 5;237:114404.

**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