

Mycobacterium Tuberculosis-IN-8

Chemical Properties

CAS No. :

Formula: C₃₆H₂₃Cl₃N₄

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

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| Description | Mycobacterium Tuberculosis-IN-8 (Compound 6g) is a selective inhibitor of Mycobacterium tuberculosis (MTB), with a MIC value of 6.25 µg/mL against MTB H37Rv. It demonstrates potent antitubercular activity by inhibiting mycolic acid biosynthesis, which is crucial for maintaining bacterial cell wall integrity. Mycobacterium Tuberculosis-IN-8 holds potential for research in antitubercular agents. |
| Targets(IC50) | Antibacterial |

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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