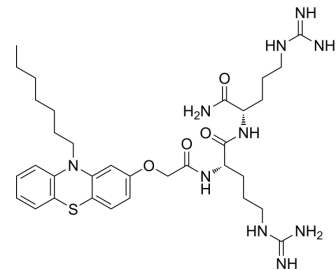


## Antibacterial agent 153

Cat. No.:	HY-156005
Molecular Formula:	C <sub>33</sub> H <sub>50</sub> N <sub>10</sub> O <sub>4</sub> S
Molecular Weight:	682.88
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibacterial agent 153 is a broad-spectrum antibacterial agent. Antibacterial agent 153 kills bacteria by acting on the bacterial cell membrane. Antibacterial agent 153 can be used for bacterial infections research<sup>[1]</sup>.

### REFERENCES

[1]. Yu Q, et al. Design of phenothiazine-based cationic amphiphilic derivatives incorporating arginine residues: Potential membrane-active broad-spectrum antimicrobials combating pathogenic bacteria in vitro and in vivo. *Eur J Med Chem.* 2023 Nov 15;260:115733.

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

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