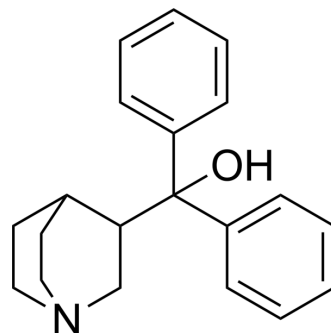


Quifenadine

| | |
|--------------------|---|
| Cat. No.: | HY-122761 |
| CAS No.: | 10447-39-9 |
| Molecular Formula: | C ₂₀ H ₂₃ NO |
| Molecular Weight: | 293.4 |
| Target: | mAChR |
| Pathway: | GPCR/G Protein; Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Quifenadine (Compound 3a), the hydroxyl-(diphenyl)methyl quinuclidine derivative, is a M3 receptor antagonist with an IC₅₀ value > 1000 nM. Quifenadine can be used for the research of neurological disease^[1].

REFERENCES

[1]. Lainé DI, et al. Discovery of novel 1-azoniabicyclo[2.2.2]octane muscarinic acetylcholine receptor antagonists. *J Med Chem.* 2009 Apr 23;52(8):2493-505.

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

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