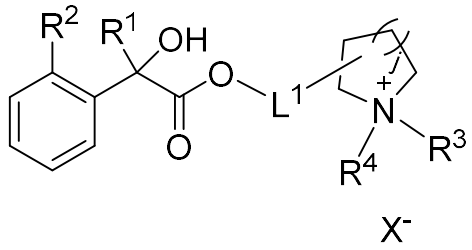
WHAT IS CLAIMED IS:

1. A salt having Formula I:



Formula I

wherein:

X^- is a counterion;

R^1 is hydrogen or an optionally substituted C_{3-8} carbocyclyl;

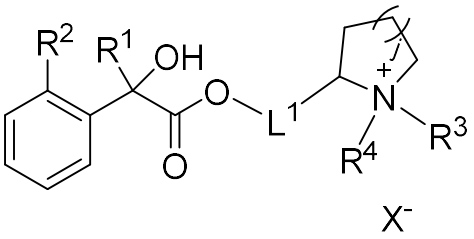
L^1 is null, C_{1-4} alkylene, or C_{1-4} heteroalkylene;

R^2 is hydrogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{3-8} carbocyclyl, 4-8 membered heterocyclyl, phenyl, or 5-10 membered heteroaryl, each of which is optionally substituted;

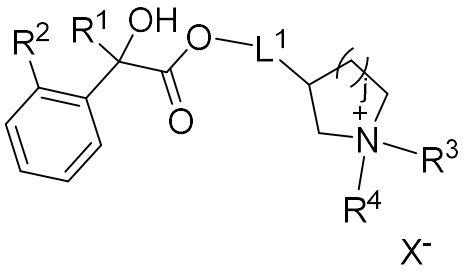
R^3 and R^4 are each independently hydrogen or C_{1-6} alkyl; and

j is 0, 1 or 2.

2. The salt of claim 1, which has a formula according to Formula I-1 or I-2:



Formula I-1,



Formula I-2.

3. The salt of any one of claims 1-2, wherein L^1 is null or a C_{1-4} alkylene.

4. The salt of any one of claims 1-3, wherein L^1 is CH_2.

5. The salt of any one of claims 1-4, wherein R^1 is hydrogen.

6. The salt of any one of claims 1-4, wherein R^1 is cyclopentyl.

7. The salt of any one of claims 1-6, wherein R^2 is (i) a C_{1-6} alkyl, which is optionally substituted with one or more substituents independently selected from F, OH, R^A, OR^A, and phenyl, wherein the phenyl is optionally substituted with one or more substituents independently selected from halogen (e.g., F or Cl), OH, C_{1-4} alkyl, fluorine-substituted C_{1-4} alkyl, C_{1-4} alkoxy, and fluorine-substituted C_{1-4} alkoxy, wherein R^A at each occurrence is independently a C_{1-4} alkyl or C_{3-6} cycloalkyl, which is optionally substituted with one or more substituents independently selected from F, OH, C_{1-4} alkyl, fluorine-substituted C_{1-4} alkyl, C_{1-4} alkoxy, and fluorine-substituted C_{1-4} alkoxy; (ii) a branched C_{3-6} alkyl; (iii) a C_{3-6} cycloalkyl, such as cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl, which is optionally substituted with one or more substituents independently selected from F, OH, R^A, and OR^A, wherein R^A at each occurrence is independently a C_{1-4} alkyl or C_{3-6} cycloalkyl, which is optionally substituted with one or more substituents independently selected from F, OH, C_{1-4} alkyl, fluorine-substituted C_{1-4} alkyl, C_{1-4} alkoxy, and fluorine-substituted C_{1-4} alkoxy; (iv) C_{4-7} cycloalkenyl, such as cyclopentenyl, which is optionally substituted with one or more substituents independently selected from F, OH, R^A, and OR^A, wherein R^A at each occurrence is independently a C_{1-4} alkyl or C_{3-6} cycloalkyl, which is optionally substituted with one or more substituents independently selected from F, OH, C_{1-4} alkyl, fluorine-substituted C_{1-4} alkyl, C_{1-4} alkoxy, and fluorine-substituted C_{1-4} alkoxy; (v) phenyl, which is optionally substituted with one or more substituents independently selected from F, Cl, OH, C_{1-4} alkyl, fluorine-substituted C_{1-4} alkyl, C_{1-4}

alkoxy, and fluorine-substituted C_{1-4} alkoxy; (vi) a 5-membered heteroaryl having 1-3 ring heteroatoms independently selected from N, O, and S, such as oxazolyl, thiazolyl, etc., which is optionally substituted with one or more substituents independently selected from F, Cl, OH, C_{1-4} alkyl, fluorine-substituted C_{1-4} alkyl, C_{1-4} alkoxy, and fluorine-substituted C_{1-4} alkoxy; or (vii) a 6-membered heteroaryl having 1-2 ring heteroatoms independently selected from N, O, and S, such as pyridyl or pyrimidinyl, etc., which is optionally substituted with one or more substituents independently selected from F, Cl, OH, C_{1-4} alkyl, fluorine-substituted C_{1-4} alkyl, C_{1-4} alkoxy, and fluorine-substituted C_{1-4} alkoxy.

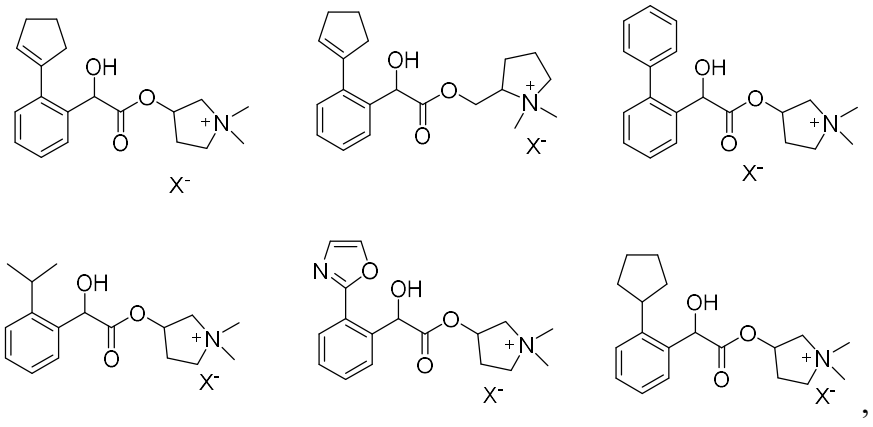
8. The salt of any one of claims 1-7, wherein R^3 is methyl.

9. The salt of any one of claims 1-8, wherein R^4 is methyl.

10. The salt of any one of claims 1-9, wherein j is 1.

11. The salt of any one of claims 1-10, wherein X^- is a pharmaceutically acceptable counterion.

12. A salt selected from the following:



wherein X^- is a pharmaceutically acceptable counterion.

13. A salt selected from those shown in Table 1 or 2, wherein X^- is a pharmaceutically acceptable counterion:

Table 1

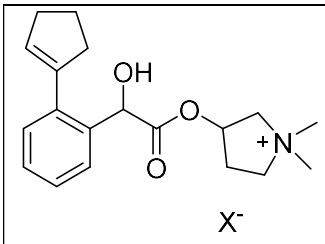
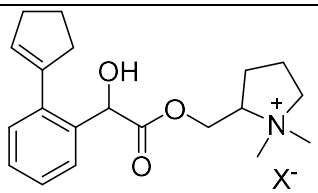
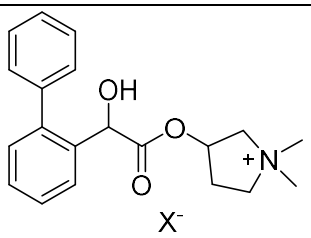
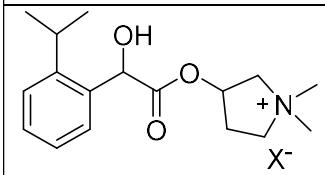
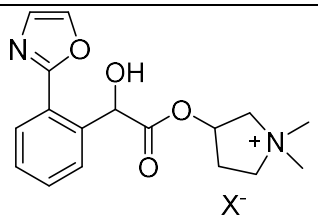
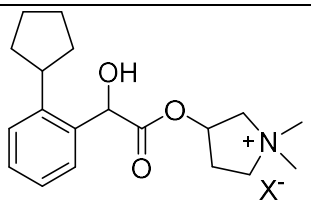
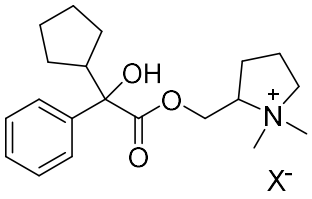
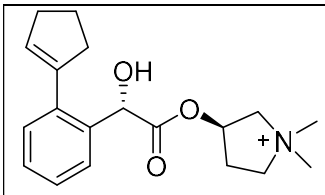
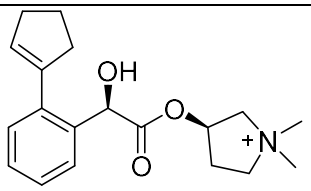
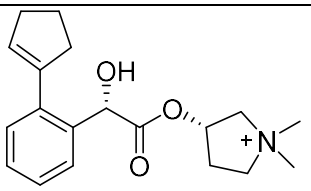
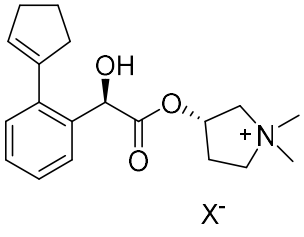
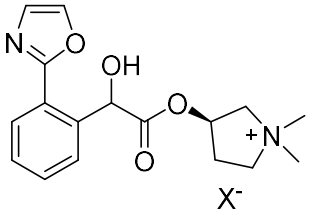
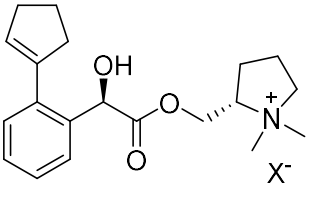
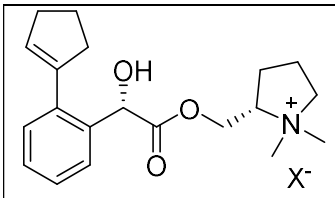
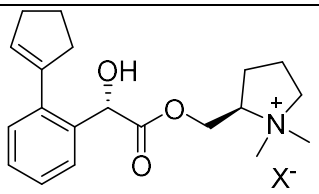
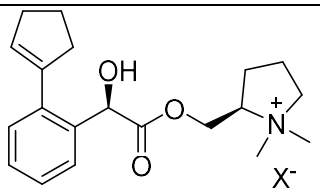
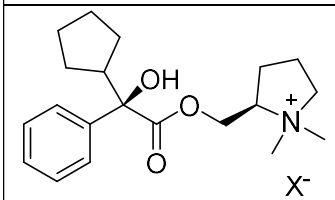
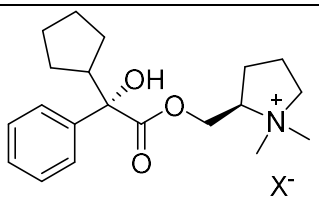
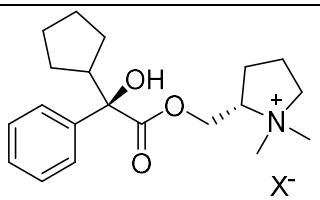
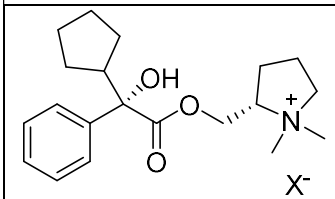
		
		
		

Table 2

14. A pharmaceutical composition comprising the salt of any of claims 11-13 and optionally a pharmaceutically acceptable carrier.

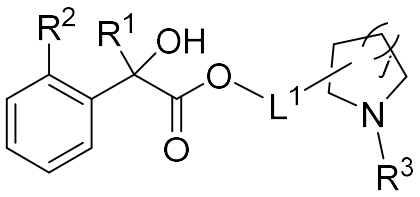
15. The pharmaceutical composition of claim 14, which is formulated for topical administration.

16. The pharmaceutical composition of claim 14, which is in the form of a topical solution, cream, ointment, mousse, gel, lotion, or powder.

17. Use of the salt of any one of claims 11-13, or the pharmaceutical composition of any one of claims 14-16, in the preparation of a medicament for treating hyperhidrosis.

18. Use of claim 17, wherein the medicament is to be administered topically.

19. A compound having Formula II, or a salt thereof:



Formula II

wherein:

R^1 is hydrogen or an optionally substituted C_{3-8} carbocyclyl;

L^1 is null, C_{1-4} alkylene, or C_{1-4} heteroalkylene;

R^2 is hydrogen, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, C_{3-8} carbocyclyl, 4-8 membered heterocyclyl, phenyl, or 5-10 membered heteroaryl, each of which is optionally substituted;

R^3 is hydrogen or C_{1-6} alkyl; and

j is 0, 1 or 2.

20. A pharmaceutically acceptable salt of the compound of claim 19.