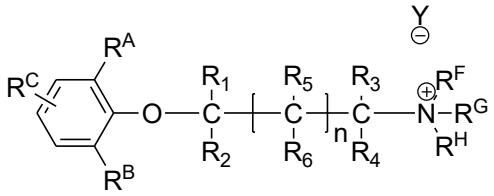
CLAIMS

What is claimed is:

1. A compound represented by Formula (**I**):



(**I**),

wherein:

Y^- is a pharmaceutically acceptable anion;

R^A, R^B, and R^C are each independently selected from H, D, halogen, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted heterocycloalkyl, OR^I, CN, CF_3, NR^JR^K, $NR^LC(O)R^M$, $S(O)R^N$, $S(O)_2R^N$, $SO_2R^OR^P$, $SO_2NR^QR^R$, SO_3R^S, CO_2R^T; $C(O)R^U$, and $C(O)NR^VR^W$;

each of R^I, R^J, R^K, R^L, R^M, R^N, R^O, R^P, R^Q, R^R, R^S, R^T, R^U, R^V, and R^W is independently selected from H, D, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, substituted or unsubstituted alkynyl, substituted or unsubstituted aryl, substituted or unsubstituted heteroaryl, substituted or unsubstituted cycloalkyl, substituted or unsubstituted heterocycloalkyl; R^J and R^K or R^V and R^W or R^Q and R^R can also be taken together with the nitrogen to which they are attached to form a substituted or unsubstituted 5, 6, 7, or 8 membered ring; or

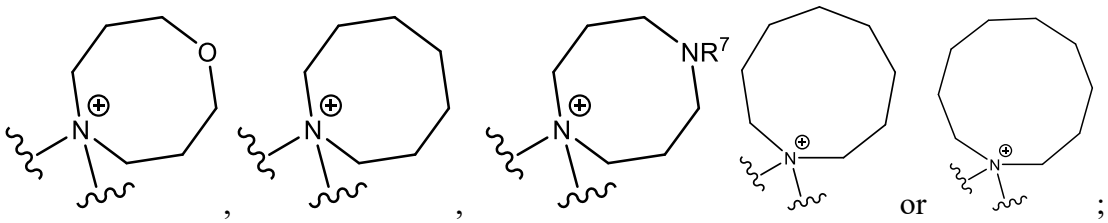
R^A, R^B, and/or R^C can be taken together with the phenyl ring to which they are attached can form a fused bicyclic or tricyclic ring system;

R_1, R_2, R_3, R_4, R_5, and R_6 are independently selected from hydrogen, C_1-C_4 alkyl, cycloalkyl, C_1-C_4 heteroalkyl, aryl or heteroaryl;

or R_1, R_2, R_3, R_4, R_5, and/or R_6 together with the carbon(s) to which they are attached form a substituted or unsubstituted cycloalkyl or a substituted or unsubstituted heterocyclic;

n is 0, 1, 2, 3, 4 and 5;

R^F and R^G together with the N^+ form a ring selected from a substituted or unsubstituted ring selected from:



or ;

wherein R_7 is hydrogen or a substituted or unsubstituted alkyl;

R^H is benzyl or substituted benzyl.

2. The compound of claim 1 wherein R^A is selected from H, methyl, halo, CF_3, CN, CO_2R^T, or OR^I.

3. The compound of claim 1 or 2, wherein R^B is selected from H and methyl.

4. The compound of any one of claims 1 to 3, wherein R^C is selected from H, methyl, halo, CF_3, CN, CO_2R^T, or OR^I.

5. The compound of any one of claims 1 to 4, wherein each R_1, R_2, R_3, R_4, R_5, and/or R_6 are hydrogen.

6. The compound of any one of claims 1 to 4, wherein R_1 is methyl or ethyl and R_2, R_3, R_4, R_5, and R_6 are hydrogen.

7. The compound of any one of claims 1 to 4, wherein R_3 is methyl or ethyl and R_1, R_2, R_4, R_5, and R_6 are hydrogen.

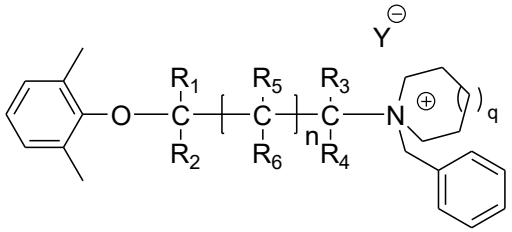
8. The compound of any one of claims 1 to 7, wherein n is 0.

9. The compound of any one of claims 1 to 8, wherein n is 1.

10. The compound of any one of claims 1 to 9, wherein n is 3.

11. The compound of any one of claims 1 to 10, wherein the ring is unsubstituted.

12. A compound represented by Formula (**II**):



(**II**),

wherein:

Y^- is a pharmaceutically acceptable anion;

R_1, R_2, R_3, R_4, R_5, and R_6 are independently selected from hydrogen, C_1-C_4 alkyl, C_1-C_4 heteroalkyl, aryl or heteroaryl;

n is 0, 1, 2, 3, 4 and 5; and

q is 3.

13. The compound of claim 12, wherein R_1, R_2, R_3, R_4, R_5, and R_6 are hydrogen.

14. The compound of claim 12, wherein R_1 is methyl, and R_2, R_3, R_4, R_5, and R_6 are hydrogen.

15. The compound of claim 12, wherein R_3 is methyl, and R_1, R_2, R_4, R_5, and R_6 are hydrogen.

16. The compound of any one of claims 12 to 15, wherein n is 0.

17. The compound of any one of claims 12 to 15, wherein n is 1.

18. The compound of any one of claims 12 to 15, wherein n is 2.

19. The compound of any one of claims 12 to 15, wherein n is 3.

20. The compound of any one of claims 12 to 15, wherein n is 4.

21. The compound of any one of claims 12 to 15, wherein n is 5.

22. The compound of any one of claims 1 to 21, wherein Y- is bromide or chloride.

23. A pharmaceutical composition comprising the compound of any one of claims 1 to 22 and a pharmaceutically acceptable excipient.

24. The pharmaceutical composition of claim 23, wherein said pharmaceutical composition is formulated for topical or dermal administration.

25. Use of a compound of any one of claims 1 to 22 in the manufacture of a medicament for treating itch, pain, cough, or a neurogenic inflammatory disorder.

26. The use of claim 25, wherein said itch is selected from the group consisting of itch due to pruritus, brachioradial pruritus, chronic idiopathic pruritus, genital/anal pruritus, notalgia paresthetica, scalp pruritus, allergic dermatitis, contact dermatitis, atopic dermatitis, hand eczema, poison ivy, infections, parasites, insect bites, pregnancy, metabolic disorders, liver or renal failure, drug reactions, allergic reactions, eczema, genital and anal itch, hemorrhoid itch, and cancer.