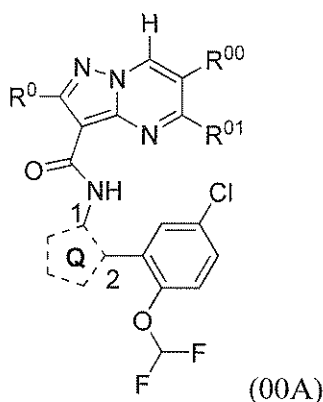


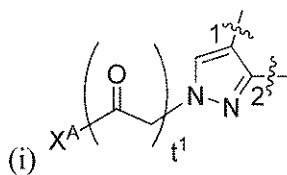
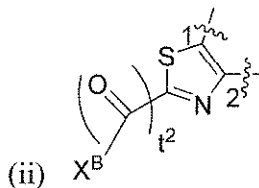
SUMMARY

Provided herein are 5-chloro-2-difluoromethoxyphenyl pyrazolopyrimidine compounds that inhibit one or more JAK kinases.

Accordingly, one aspect of the disclosure includes a compound of Formula (00A):



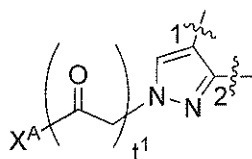
and stereoisomers and salts thereof, wherein: R^{00} is H or CH_3 ; R^{01} is H or NH_2 ; R^0 is H or NH_2 ; and Ring Q is either (i) or (ii):



wherein: t^1 and t^2 are each independently 0 or 1; X^A and X^B are independently selected from the group consisting of H, C_1 - C_6 alkyl, C_2 - C_4 alkenyl, $-NR^aR^b$, C_2 - C_5 alkynyl, 3-6-membered cycloalkyl, 6-10 membered aryl, 3-11 membered heterocycloalkyl, 5-6 membered heterocycloalkenyl, and 5-10 membered heteroaryl; wherein when either of X^A and X^B are independently C_1 - C_6 alkyl, C_2 - C_4 alkenyl, C_2 - C_5 alkynyl, 3-6-membered cycloalkyl, 6-10 membered aryl, 3-11 membered heterocycloalkyl, 5-6 membered heterocycloalkenyl, and 5-10 membered heteroaryl, each of X^A and X^B is independently optionally substituted by Y^1 , wherein Y^1 is selected from:

- (e) $-(C_1-C_6 \text{ alkylene})-4-6$ membered heterocycloalkyl wherein the heterocycloalkyl is optionally substituted by halo, oxo, or C_1-C_6 alkyl;
- (f) $-(C_1-C_6 \text{ alkylene})-O$ -phenyl wherein the phenyl is optionally substituted by halo, C_1-C_6 alkyl, or $-O$ -phenyl;
- 5 (g) $-(C_1-C_6 \text{ alkyl})3-6$ membered cycloalkyl optionally substituted by OH, halo, CN, or C_1-C_6 alkyl optionally substituted by OH or CN;
- (h) C_2-C_5 alkenyl;
- (i) 4-6 membered heterocycloalkyl optionally substituted by halo,
- 10 (j) $-(C_1-C_6 \text{ alkylene})-3-6$ membered cycloalkyl substituted by hydroxymethyl,
- (k) phenyl,
- (l) $-C(O)(C_1-C_6 \text{ alkyl})$,
- (m) $-C(O)O(C_1-C_6 \text{ alkyl})$,
- (n) $-C(O)O(3-6 \text{ membered cycloalkyl})$, and
- 15 (o) $-C(O)$ -phenyl,

with the following provisos: when R^0 , R^{00} , and R^{01} are each H and Ring Q is

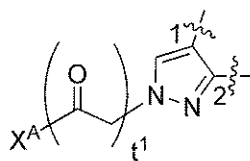


where t^1 is 0, then X^A is not methyl, 2-methylpropan-2-ol, or tetrahydropyranyl; and, in some embodiments, when Ring Q is (i) and t^1 is 0, then X^A cannot be $-NR^aR^b$.

- 20 Further, the disclosure also includes a compound of Formula (00A), further defined as a compound of Formula (0A):

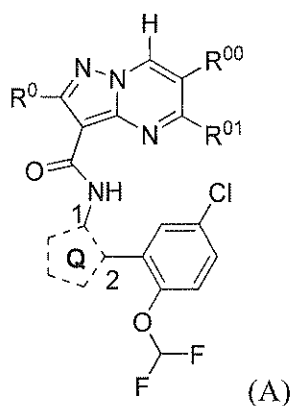
- (i) 4-6 membered heterocycloalkyl optionally substituted by halo,
- (j) $-(C_1-C_6 \text{ alkylene})-3-6$ membered cycloalkyl substituted by hydroxymethyl,
- (k) phenyl,
- (l) $-C(O)(C_1-C_6 \text{ alkyl})$,
- (m) $-C(O)O(C_1-C_6 \text{ alkyl})$,
- (n) $-C(O)O(3-6 \text{ membered cycloalkyl})$, and
- (o) $-C(O)$ -phenyl,

with the following provisos: when R^0 , R^{00} , and R^{01} are each H and Ring Q is

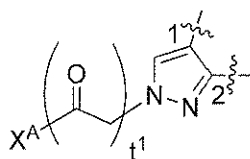


where t^1 is 0, then X^A is not methyl, 2-methylpropan-2-ol, or tetrahydropyranyl; and, in some embodiments, when Ring Q is (i) and t^1 is 0, then X^A cannot be $-NR^aR^b$.

The disclosure also includes a compound of Formula (00A), further defined as a compound of Formula (A):



and stereoisomers and salts thereof, wherein: R^{00} is H or CH_3 ; R^{01} is H or NH_2 ; R^0 is H or NH_2 ; and Ring Q is either (i) or (ii):



where t^1 is 0, then X^A is not methyl, 2-methylpropan-2-ol, or tetrahydropyranyl; and, in some embodiments, when Ring Q is (i) and t^1 is 0, then X^A cannot be $-NR^aR^b$.

Also provided are pharmaceutical compositions comprising a 5-chloro-2-difluoromethoxyphenyl pyrazolopyrimidine as described herein, such as a compound of Formula (00A) and a pharmaceutically acceptable carrier, diluent or excipient. According to another aspect, there is provided a pharmaceutical composition comprising a compound as described herein and a pharmaceutically acceptable carrier, diluent or excipient.

The present disclosure also provides, in some embodiments, use of a 5-chloro-2-difluoromethoxyphenyl pyrazolopyrimidine compound as described herein, such as a compound of Formula (00A), in therapy, such as in the treatment of an inflammatory disease. Also provided are uses of a 5-chloro-2-difluoromethoxyphenyl pyrazolopyrimidine compound as described herein, such as a compound of Formula (00A), for the preparation of a medicament for the treatment of an inflammatory disease. Also provided is a method of preventing, treating or lessening the severity of a disease or condition responsive to the inhibition of a Janus kinase activity in a patient, comprising administering to the patient a therapeutically effective amount of a 5-chloro-2-difluoromethoxyphenyl pyrazolopyrimidine compound as described herein, such as a compound of Formula (00A).

According to another aspect, there is provided a compound as described herein for use in therapy.

According to another aspect, there is provided use of a compound as described herein in the preparation of a medicament of the treatment of an inflammatory disease.

According to another aspect, there is provided a compound as described herein for use in the treatment of an inflammatory disease.

22. The compound of claim 1, wherein Ring Q is (i), t^1 is 0 or 1, and R^0 , R^{00} and R^{01} are each H.
23. The compound of claim 1, wherein Ring Q is (i), t^1 is 1, and X^A is NR^aR^b , wherein R^a and R^b are each independently H, C_1 - C_6 alkyl optionally substituted with 5-6 membered heteroaryl, or 3-6 membered cycloalkyl optionally substituted by OH, halo, CN, or C_1 - C_6 alkyl optionally substituted by OH.
24. The compound of claim 1, wherein Ring Q is (i), t^1 is 0, and X^A is C_1 - C_6 alkyl or 3-6 membered cycloalkyl, wherein X^A is optionally substituted by $-NR^aR^b$, wherein R^a and R^b are independently H or C_1 - C_6 alkyl.
25. The compound of claim 1, selected from Table 1.
26. A pharmaceutical composition comprising a compound of any of claims 1-25 and a pharmaceutically acceptable carrier, diluent or excipient.
27. A compound of any of claims 1-25 for use in therapy.
28. Use of a compound of any of claims 1-25 in the preparation of a medicament for the treatment of an inflammatory disease.
29. A compound of any of claims 1-25 for use in the treatment of an inflammatory disease.
30. The use or compound of any of claims 28-29, wherein the inflammatory disease is asthma.
31. Use of a compound of any of claims 1-25 in the preparation of a medicament for the prevention, treatment or for the severity of a disease or condition responsive to the inhibition of a Janus kinase activity.

32. The use of claim 31, wherein the disease or condition is asthma.
33. The use of claim 31, wherein the Janus kinase is JAK1.