WHAT IS CLAIMED IS:

1. A solid pharmaceutical dosage form comprising from about 75 mg to about 125 mg (free base equivalent weight) of acalabrutinib maleate and at least one pharmaceutically acceptable excipient for oral administration to a human, wherein the dosage form satisfies the following conditions:

at least about 75% of the acalabrutinib maleate is dissolved within about 30 minutes as determined in an *in vitro* dissolution test conducted using a USP Dissolution Apparatus 2 (Paddle Apparatus), 900 mL dissolution volume, 0.1N hydrochloric acid dissolution medium, and paddle rotation of 50 RPM; and

at least about 75% of the acalabrutinib maleate is dissolved within about 60 minutes as determined in an *in vitro* dissolution test conducted using a USP Dissolution Apparatus 2 (Paddle Apparatus), 900 mL dissolution volume, 5 mM phosphate pH 6.8 dissolution medium, and paddle rotation of 75 RPM.

2. The solid pharmaceutical dosage form of claim 1, wherein the dosage form satisfies the following conditions:

at least about 80% of the acalabrutinib maleate is dissolved within about 15 minutes as determined in an *in vitro* dissolution test conducted using a USP Dissolution Apparatus 2 (Paddle Apparatus), 900 mL dissolution volume, 0.1N hydrochloric acid dissolution medium, and paddle rotation of 50 RPM; and

at least about 80% of the acalabrutinib maleate is dissolved within about 20 minutes as determined in an *in vitro* dissolution test conducted using a USP Dissolution Apparatus 2 (Paddle Apparatus), 900 mL dissolution volume, 5 mM phosphate pH 6.8 dissolution medium, and paddle rotation of 75 RPM.

3. The solid pharmaceutical dosage form of claim 1 or 2, wherein the acalabrutinib maleate is crystalline acalabrutinib maleate monohydrate Form A.

4. The solid pharmaceutical dosage form of any of claims 1 to 3, wherein the at least one pharmaceutically acceptable excipient is selected from at least one diluent, at least one disintegrant, and at least one lubricant.

5. The solid pharmaceutical dosage form of any of claims 1 to 4, wherein the dissolution rate of the acalabrutinib maleate in the 5 mM phosphate pH 6.8 dissolution medium does not decrease by more than 20% from its initial dissolution rate after storage of the dosage form in appropriate packaging for six months at 40°C and 75% relative humidity.

6. The solid pharmaceutical dosage form of any of claims 1 to 5, wherein no more than about 5% (w/w) of the acalabrutinib maleate present in the dosage form degrades after storage of the dosage form in appropriate packaging for six months at 40°C and 75% relative humidity.

7. The solid pharmaceutical dosage form of any of claims 1 to 6, wherein the dosage form is bioequivalent to a 100 mg Calquence® capsule when orally administered to a fasting human subject who has not been administered a gastric acid reducing agent, wherein the dosage form is bioequivalent when the confidence interval of the relative mean C_{max}, $AUC_{(0–t)}$, and $AUC_{(0–\infty)}$ of the dosage form relative to the 100mg Calquence® capsule is within 80% to 125%.

8. The solid pharmaceutical dosage form of any of claims 1 to 7, wherein the acalabrutinib maleate is present in an amount of about 100 mg (free base equivalent weight).

9. The solid pharmaceutical dosage form of any of claims 1 to 8, wherein the at least one pharmaceutically acceptable excipient comprises at least one diluent.

10. The solid pharmaceutical dosage form of claim 9, wherein the at least one diluent does not affect the stability of the primary amine moiety of acalabrutinib.

11. The solid pharmaceutical dosage form of claim 9 or 10, wherein the at least one diluent comprises a plastic diluent and a brittle diluent.

12. The solid pharmaceutical dosage form of any of claims 9 to 11, wherein the weight ratio of acalabrutinib maleate (free base equivalent weight) to the at least one diluent is from about 1:3 to about 2:1.

13. The solid pharmaceutical dosage form of any of claims 1 to 12, wherein the at least one pharmaceutically acceptable excipient comprises at least one disintegrant.

14. The solid pharmaceutical dosage form of claim 13, wherein the at least one disintegrant does not comprise an ionic disintegrant.

15. The solid pharmaceutical dosage form of claim 13 or 14, wherein the weight ratio of acalabrutinib maleate (free base equivalent weight) to the at least one disintegrant is from about 2:1 to about 15:1.

16. The solid pharmaceutical dosage form of claim 4, wherein the dosage form comprises:

acalabrutinib maleate in an amount from about 15% to about 55% by weight (free base equivalent weight) of the dosage form;

at least one diluent in an amount from about 10% to about 70% by weight of the dosage form;

at least one disintegrant in an amount from about 0.5% to about 15% by weight of the dosage form; and

at least one lubricant in an amount from about 0.25% to about 4% by weight of the dosage form; and

wherein the sum of the individual amounts equals 100% of the total weight of the dosage form.

17. The solid pharmaceutical dosage form of claim 4, wherein the dosage form comprises:

acalabrutinib maleate in an amount from about 30% to about 35% by weight (free base equivalent weight) of the dosage form; and

mannitol in an amount from about 30% to about 35% by weight of the dosage form;

microcrystalline cellulose in an amount from about 25% to about 30% by weight of the dosage form;

hydroxypropyl cellulose in an amount from about 3% to about 7% by weight of the dosage form; and

sodium stearyl fumarate in an amount from about 1% to about 4% by weight of the dosage form; and

wherein the sum of the individual amounts equals 100% of the total weight of the dosage form.

18. The solid pharmaceutical dosage form of any of claims 1 to 17, wherein the acalabrutinib maleate has a $D_{(v, 0.9)}$ value from about 20 microns to about 500 microns.

19. The solid pharmaceutical dosage form of any of claims 1 to 18, wherein the dosage form is a tablet.

20. The solid pharmaceutical dosage form of claim 19, wherein the tablet has a tensile strength from about 1.5 MPa to about 5.0 MPa.

21. The solid pharmaceutical dosage form of claim 20, wherein the tablet tensile strength does not decrease by more than 10% from its initial tensile strength after storage of the tablet in a blister pack for six months at 40° C and 75% relative humidity.

22. Use of the solid pharmaceutical dosage form of any of claims 1 to 21 in the manufacture of a medicament for treating a BTK-mediated condition in a subject suffering from or susceptible to the condition, wherein the solid pharmaceutical dosage form is to be administered once or twice daily to the subject.