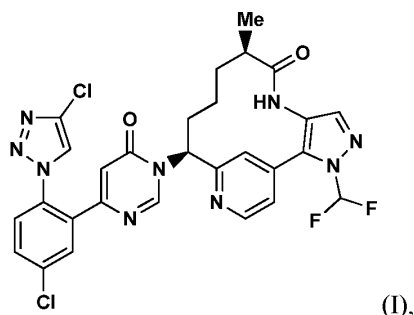


WHAT IS CLAIMED IS:

1. A crystalline form of Compound (I):



- 5 selected from Form A, Form B, Form C, Form D, Form E, Form F, Form G, Form H, Form I, and Form J.
2. The crystalline Form A according to claim 1 characterized by at least one of the following:
- 10 a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from: 5.0 ± 0.2 , 5.3 ± 0.2 , 8.2 ± 0.2 , 10.0 ± 0.2 , 10.7 ± 0.2 , 10.9 ± 0.2 , 13.0 ± 0.2 , 14.6 ± 0.2 , 15.1 ± 0.2 , 16.1 ± 0.2 , 17.2 ± 0.2 , 19.0 ± 0.2 , 19.5 ± 0.2 , 20.5 ± 0.2 , 21.5 ± 0.2 , 22.9 ± 0.2 , and 24.5 ± 0.2 ;
- b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 1A;
- c) an infrared (IR) spectrum having one or more peaks selected from: 1677 ± 2 , 1647 ± 2 ,
- 15 1607 ± 2 , 1593 ± 2 , 1586 ± 2 , 1532 ± 2 , 1481 ± 2 , 1445 ± 2 , 1429 ± 2 , 1391 ± 2 , 1325 ± 2 , 1298 ± 2 , 1286 ± 2 , 1234 ± 2 , 1223 ± 2 , 1178 ± 2 , 1120 ± 2 , 1063 ± 2 , 1029 ± 2 , 1000 ± 2 , 983 ± 2 , 941 ± 2 , 850 ± 2 , 832 ± 2 , 803 ± 2 , 749 ± 2 , and 692 ± 2 cm^{-1} ;
- d) an infrared (IR) spectrum substantially as shown in FIG. 1B;
- e) a differential scanning calorimetry (DSC) thermogram having an endothermic peak at
- 20 about 261°C ;
- f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG. 3;
- g) a thermogravimetric analysis (TGA) thermogram substantially as shown in FIG. 4; and/or
- 25 h) a dynamic vapor sorption (DVS) isotherm substantially as shown in FIG. 1C.

3. The crystalline Form B according to claim 1 characterized by at least one of the following:
- a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
 5.3 ± 0.2 , 9.0 ± 0.2 , 9.5 ± 0.2 , 10.6 ± 0.2 , 11.2 ± 0.2 , 13.9 ± 0.2 , 14.4 ± 0.2 , 14.7 ± 0.2 , 16.0 ± 0.2 ,
5 16.8 ± 0.2 , 17.4 ± 0.2 , 18.3 ± 0.2 , 19.3 ± 0.2 , 20.2 ± 0.2 , 20.9 ± 0.2 , 21.3 ± 0.2 , 23.0 ± 0.2 ,
 23.8 ± 0.2 , 25.8 ± 0.2 , and 26.1 ± 0.2 ;
 - b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 5A;
 - c) an infrared (IR) spectrum having one or more peaks selected from: 1682 ± 2 , 1649 ± 2 ,
 1607 ± 2 , 1592 ± 2 , 1532 ± 2 , 1481 ± 2 , 1444 ± 2 , 1428 ± 2 , 1389 ± 2 , 1287 ± 2 , 1235 ± 2 , 1223 ± 2 ,
10 1176 ± 2 , 1136 ± 2 , 1127 ± 2 , 1112 ± 2 , 1054 ± 2 , 1027 ± 2 , 994 ± 2 , 983 ± 2 , 942 ± 2 , 867 ± 2 ,
 850 ± 2 , 829 ± 2 , 804 ± 2 , 749 ± 2 , and 690 ± 2 cm^{-1} ;
 - d) an infrared (IR) spectrum substantially as shown in FIG. 5B;
 - e) a differential scanning calorimetry (DSC) thermogram having an endothermic peak at about 235°C ; and/or
 - 15 f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG. 5C.
4. The crystalline Form C according to claim 1 characterized by at least one of the following:
- 20 a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
 8.9 ± 0.2 , 10.8 ± 0.2 , 13.5 ± 0.2 , 13.8 ± 0.2 , 19.5 ± 0.2 , 19.9 ± 0.2 , 20.8 ± 0.2 , 21.6 ± 0.2 , 21.9 ± 0.2 ,
 22.3 ± 0.2 , 24.0 ± 0.2 , 25.8 ± 0.2 , and 26.6 ± 0.2 ;
 - b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 6A;
 - c) an infrared (IR) spectrum having one or more peaks selected from: 1683 ± 2 , 1536 ± 2 ,
25 1489 ± 2 , 1457 ± 2 , 1446 ± 2 , 1388 ± 2 , 1373 ± 2 , 1363 ± 2 , 1193 ± 2 , 1119 ± 2 , 1098 ± 2 , 1065 ± 2 ,
 1045 ± 2 , 1032 ± 2 , 867 ± 2 , 842 ± 2 , 832 ± 2 , 813 ± 2 , 802 ± 2 , and 738 ± 2 cm^{-1} ;
 - d) an infrared (IR) spectrum substantially as shown in FIG. 6B;
 - e) a differential scanning calorimetry (DSC) thermogram having an endothermic peak at about 277°C ; and/or
 - 30 f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG. 6C.

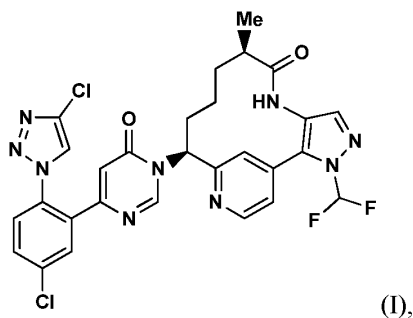
5. The crystalline Form D according to claim 1 characterized by at least one of the following:
- a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
5 4.9 $\pm$ 0.2, 5.5 $\pm$ 0.2, 6.0 $\pm$ 0.2, 10.3 $\pm$ 0.2, 10.9 $\pm$ 0.2, 13.5 $\pm$ 0.2, 15.7 $\pm$ 0.2, 18.3 $\pm$ 0.2, 18.7 $\pm$ 0.2, 19.5 $\pm$ 0.2, 20.7 $\pm$ 0.2, 21.8 $\pm$ 0.2, 22.5 $\pm$ 0.2, 23.2 $\pm$ 0.2, 24.3 $\pm$ 0.2, 25.0 $\pm$ 0.2, 25.7 $\pm$ 0.2, 26.6 $\pm$ 0.2, 28.0 $\pm$ 0.2, and 29.0 $\pm$ 0.2;
 - b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 7A;
 - c) an infrared (IR) spectrum having one or more peaks selected from: 1678 $\pm$ 2, 1645 $\pm$ 2,
10 1605 $\pm$ 2, 1593 $\pm$ 2, 1582 $\pm$ 2, 1533 $\pm$ 2, 1516 $\pm$ 2, 1480 $\pm$ 2, 1451 $\pm$ 2, 1444 $\pm$ 2, 1404 $\pm$ 2, 1389 $\pm$ 2, 1303 $\pm$ 2, 1294 $\pm$ 2, 1285 $\pm$ 2, 1234 $\pm$ 2, 1222 $\pm$ 2, 1177 $\pm$ 2, 1120 $\pm$ 2, 1072 $\pm$ 2, 1028 $\pm$ 2, 1000 $\pm$ 2, 990 $\pm$ 2, 983 $\pm$ 2, 869 $\pm$ 2, 850 $\pm$ 2, 832 $\pm$ 2, 804 $\pm$ 2, 748 $\pm$ 2, 708 $\pm$ 2, and 692 $\pm$ 2 cm⁻¹;
 - d) an infrared (IR) spectrum substantially as shown in FIG. 7B.
 - e) a differential scanning calorimetry (DSC) thermogram having an endothermic peak at
15 about 250 °C; and/or
 - f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG. 7C.
6. The crystalline Form E according to claim 1 characterized by at least one of the following:
- a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
20 4.0 $\pm$ 0.2, 6.7 $\pm$ 0.2, 7.0 $\pm$ 0.2, 7.4 $\pm$ 0.2, 9.4 $\pm$ 0.2, 11.0 $\pm$ 0.2, 12.5 $\pm$ 0.2, 14.4 $\pm$ 0.2, 14.9 $\pm$ 0.2, 15.2 $\pm$ 0.2, 18.8 $\pm$ 0.2, 19.7 $\pm$ 0.2, 20.2 $\pm$ 0.2, 21.5 $\pm$ 0.2, 22.4 $\pm$ 0.2, 23.2 $\pm$ 0.2, and 23.7 $\pm$ 0.2;
 - b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 8A;
 - c) an infrared (IR) spectrum having one or more peaks selected from: 1678 $\pm$ 2, 1610 $\pm$ 2,
25 1590 $\pm$ 2, 1533 $\pm$ 2, 1486 $\pm$ 2, 1461 $\pm$ 2, 1442 $\pm$ 2, 1373 $\pm$ 2, 1366 $\pm$ 2, 1296 $\pm$ 2, 1218 $\pm$ 2, 1187 $\pm$ 2, 1161 $\pm$ 2, 1116 $\pm$ 2, 1097 $\pm$ 2, 1066 $\pm$ 2, 1031 $\pm$ 2, 1002 $\pm$ 2, 994 $\pm$ 2, 941 $\pm$ 2, 865 $\pm$ 2, 832 $\pm$ 2, 803 $\pm$ 2, 770 $\pm$ 2, 738 $\pm$ 2, 694 $\pm$ 2, and 651 $\pm$ 2 cm⁻¹; and/or
 - d) an infrared (IR) spectrum substantially as shown in FIG. 8B.
- 30 7. The crystalline Form F according to claim 1 characterized by at least one of the following:

- a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
4.8 $\pm$ 0.2, 6.1 $\pm$ 0.2, 9.6 $\pm$ 0.2, 12.2 $\pm$ 0.2, 17.2 $\pm$ 0.2, 17.6 $\pm$ 0.2, 18.0 $\pm$ 0.2, 18.3 $\pm$ 0.2, 19.4 $\pm$ 0.2,
20.7 $\pm$ 0.2, 21.2 $\pm$ 0.2, 22.3 $\pm$ 0.2, 22.8 $\pm$ 0.2, 23.4 $\pm$ 0.2, 23.8 $\pm$ 0.2, 24.4 $\pm$ 0.2, 25.1 $\pm$ 0.2,
26.4 $\pm$ 0.2, and 28.8 $\pm$ 0.2;
- 5 b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 9A;
c) an infrared (IR) spectrum having one or more peaks selected from: 1662 $\pm$ 2, 1604 $\pm$ 2,
1591 $\pm$ 2, 1542 $\pm$ 2, 1487 $\pm$ 2, 1400 $\pm$ 2, 1364 $\pm$ 2, 1087 $\pm$ 2, 1052 $\pm$ 2, 1037 $\pm$ 2, 1028 $\pm$ 2, 876 $\pm$ 2,
863 $\pm$ 2, 843 $\pm$ 2, 839 $\pm$ 2, 825 $\pm$ 2, 807 $\pm$ 2, 697 $\pm$ 2, and 688 $\pm$ 2 cm⁻¹;
d) an infrared (IR) spectrum substantially as shown in FIG. 9B;
- 10 e) a differential scanning calorimetry (DSC) thermogram having an endothermic peak at
about 242 °C; and/or
f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG.
9C.
- 15 8. The crystalline Form G according to claim 1 characterized by at least one of the
following:
a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
4.4 $\pm$ 0.2, 6.2 $\pm$ 0.2, 10.7 $\pm$ 0.2, 12.5 $\pm$ 0.2, 13.2 $\pm$ 0.2, 16.7 $\pm$ 0.2, 17.6 $\pm$ 0.2, 18.1 $\pm$ 0.2, 18.7 $\pm$ 0.2,
19.0 $\pm$ 0.2, 19.6 $\pm$ 0.2, 20.9 $\pm$ 0.2, 21.6 $\pm$ 0.2, 22.0 $\pm$ 0.2, 23.0 $\pm$ 0.2, 23.5 $\pm$ 0.2, 24.1 $\pm$ 0.2,
20 24.8 $\pm$ 0.2, 25.1 $\pm$ 0.2, and 25.4 $\pm$ 0.2;
b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 10A;
c) an infrared (IR) spectrum having one or more peaks selected from: 1680 $\pm$ 2, 1672 $\pm$ 2,
1609 $\pm$ 2, 1607 $\pm$ 2, 1535 $\pm$ 2, 1533 $\pm$ 2, 1488 $\pm$ 2, 1461 $\pm$ 2, 1441 $\pm$ 2, 1367 $\pm$ 2, 1118 $\pm$ 2, 1096 $\pm$ 2,
1066 $\pm$ 2, 1029 $\pm$ 2, 993 $\pm$ 2, 866 $\pm$ 2, 836 $\pm$ 2, 804 $\pm$ 2, 738 $\pm$ 2, and 694 $\pm$ 2 cm⁻¹; and/or
25 d) an infrared (IR) spectrum substantially as shown in FIG. 10B.
9. The crystalline Form H according to claim 1 characterized by at least one of the
following:
a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
30 7.1 $\pm$ 0.2, 9.6 $\pm$ 0.2, 10.9 $\pm$ 0.2, 17.5 $\pm$ 0.2, 18.2 $\pm$ 0.2, 18.7 $\pm$ 0.2, 20.0 $\pm$ 0.2, 22.0 $\pm$ 0.2, 22.4 $\pm$ 0.2,
23.2 $\pm$ 0.2, 24.3 $\pm$ 0.2, 24.9 $\pm$ 0.2, 26.4 $\pm$ 0.2, 27.7 $\pm$ 0.2, and 29.6 $\pm$ 0.2;
b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 11A;

- c) an infrared (IR) spectrum having one or more peaks selected from: 1732±2, 1694±2, 1673±2, 1534±2, 1483±2, 1461±2, 1448±2, 1433±2, 1416±2, 1377±2, 1297±2, 1283±2, 1254±2, 1223±2, 1184±2, 1113±2, 1074±2, 1041±2, 1029±2, 1001±2, 873±2, 850±2, 844±2, 831±2, 814±2, 803±2, and 738±2 cm⁻¹; and/or
- 5 d) an infrared (IR) spectrum substantially as shown in FIG. 12B.
10. The crystalline Form I according to claim 1 characterized by at least one of the following:
- a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
- 10 7.2±0.2, 9.9±0.2, 11.2±0.2, 15.5±0.2, 16.0±0.2, 18.5±0.2, 19.4±0.2, 20.1±0.2, 20.6±0.2, 22.2±0.2, 22.6±0.2, 24.0±0.2, 24.6±0.2, 25.5±0.2, and 26.4±0.2; and/or
- b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 12;
11. The crystalline Form J according to claim 1 characterized by at least one of the following:
- 15 following:
- a) a powder x-ray diffraction pattern comprising one or more 2θ values selected from:
- 7.4±0.2, 9.0±0.2, 11.3±0.2, 11.7±0.2, 12.5±0.2, 14.8±0.2, 15.1±0.2, 15.5±0.2, 16.1±0.2, 17.6±0.2, 18.4±0.2, 18.8±0.2, 19.3±0.2, 23.3±0.2, 24.4±0.2, 26.2±0.2, 26.6±0.2, 27.7±0.2, 28.2±0.2, and 28.8±0.2;
- 20 b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 13A;
- c) an infrared (IR) spectrum having one or more peaks selected from: 1678±2, 1610±2, 1584±2, 1536±2, 1525±2, 1486±2, 1462±2, 1412±2, 1392±2, 1371±2, 1346±2, 1296±2, 1286±2, 1234±2, 1223±2, 1196±2, 1165±2, 1114±2, 1099±2, 1078±2, 1065±2, 1052±2, 1034±2, 999±2, 867±2, 858±2, 841±2, 833±2, 814±2, 800±2, 789±2, 736±2, 703±2, and
- 25 694±2 cm⁻¹; and/or
- d) an infrared (IR) spectrum substantially as shown in FIG. 13B;
- e) a differential scanning calorimetry (DSC) thermogram having an onset temperature at about 266 °C;
- f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG.
- 30 13C;
- g) a thermogravimetric analysis (TGA) thermogram substantially as shown in FIG. 13D; and/or

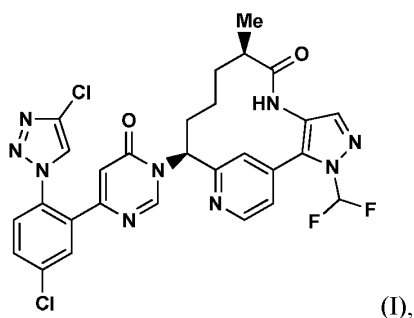
h) a dynamic vapor sorption (DVS) isotherm substantially as shown in FIG. 13E.

12. A crystalline form of Compound (I):



- 5 characterized by at least one of the following:
 - a) a powder x-ray diffraction pattern comprising two or more 2θ values selected from: 4.8 ± 0.2 , 6.1 ± 0.2 , 9.6 ± 0.2 , 12.2 ± 0.2 , 17.2 ± 0.2 , 17.6 ± 0.2 , 18.0 ± 0.2 , 18.3 ± 0.2 , 19.4 ± 0.2 , 20.7 ± 0.2 , 21.2 ± 0.2 , 22.3 ± 0.2 , 22.8 ± 0.2 , 23.4 ± 0.2 , 23.8 ± 0.2 , 24.4 ± 0.2 , 25.1 ± 0.2 , 26.4 ± 0.2 , and 28.8 ± 0.2 ;
 - 10 b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 9A;
 - c) an infrared (IR) spectrum having one or more peaks selected from: 1662 ± 2 , 1604 ± 2 , 1591 ± 2 , 1542 ± 2 , 1487 ± 2 , 1400 ± 2 , 1364 ± 2 , 1087 ± 2 , 1052 ± 2 , 1037 ± 2 , 1028 ± 2 , 876 ± 2 , 863 ± 2 , 843 ± 2 , 839 ± 2 , 825 ± 2 , 807 ± 2 , 697 ± 2 , and 688 ± 2 cm^{-1} ;
 - d) an infrared (IR) spectrum substantially as shown in FIG. 9B;
 - 15 e) a differential scanning calorimetry (DSC) thermogram having an endothermic peak at about 242°C ; and/or
 - f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG. 9C.

13. A crystalline form of Compound (I):



characterized by at least one of the following:

- a) a powder x-ray diffraction pattern comprising two or more 2θ values selected from:
 - 5 7.4 ± 0.2 , 9.0 ± 0.2 , 11.3 ± 0.2 , 11.7 ± 0.2 , 12.5 ± 0.2 , 14.8 ± 0.2 , 15.1 ± 0.2 , 15.5 ± 0.2 , 16.1 ± 0.2 , 17.6 ± 0.2 , 18.4 ± 0.2 , 18.8 ± 0.2 , 19.3 ± 0.2 , 23.3 ± 0.2 , 24.4 ± 0.2 , 26.2 ± 0.2 , 26.6 ± 0.2 , 27.7 ± 0.2 , 28.2 ± 0.2 , and 28.8 ± 0.2 ;
- b) an observed powder x-ray diffraction pattern substantially as shown in FIG. 13A;
- c) an infrared (IR) spectrum having one or more peaks selected from: 1678 ± 2 , 1610 ± 2 ,
 - 10 1584 ± 2 , 1536 ± 2 , 1525 ± 2 , 1486 ± 2 , 1462 ± 2 , 1412 ± 2 , 1392 ± 2 , 1371 ± 2 , 1346 ± 2 , 1296 ± 2 , 1286 ± 2 , 1234 ± 2 , 1223 ± 2 , 1196 ± 2 , 1165 ± 2 , 1114 ± 2 , 1099 ± 2 , 1078 ± 2 , 1065 ± 2 , 1052 ± 2 , 1034 ± 2 , 999 ± 2 , 867 ± 2 , 858 ± 2 , 841 ± 2 , 833 ± 2 , 814 ± 2 , 800 ± 2 , 789 ± 2 , 736 ± 2 , 703 ± 2 , and 694 ± 2 cm^{-1} ; and/or
- d) an infrared (IR) spectrum substantially as shown in FIG. 13B;
- 15 e) a differential scanning calorimetry (DSC) thermogram having an onset temperature at about 266°C ;
- f) a differential scanning calorimetry (DSC) thermogram substantially as shown in FIG. 13C;
- g) a thermogravimetric analysis (TGA) thermogram substantially as shown in FIG. 13D;
- 20 and/or
- h) a dynamic vapor sorption (DVS) isotherm substantially as shown in FIG. 13E.

14. A pharmaceutical composition comprising a crystalline form of Compound (I) of any one of claims 1 to 13, and a pharmaceutically acceptable carrier or diluent.

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15. A method of treating thrombosis in a mammal in need thereof, comprising administering to the mammal a therapeutically effective amount of a crystalline form of Compound (I) of any one of claims 1 to 13.