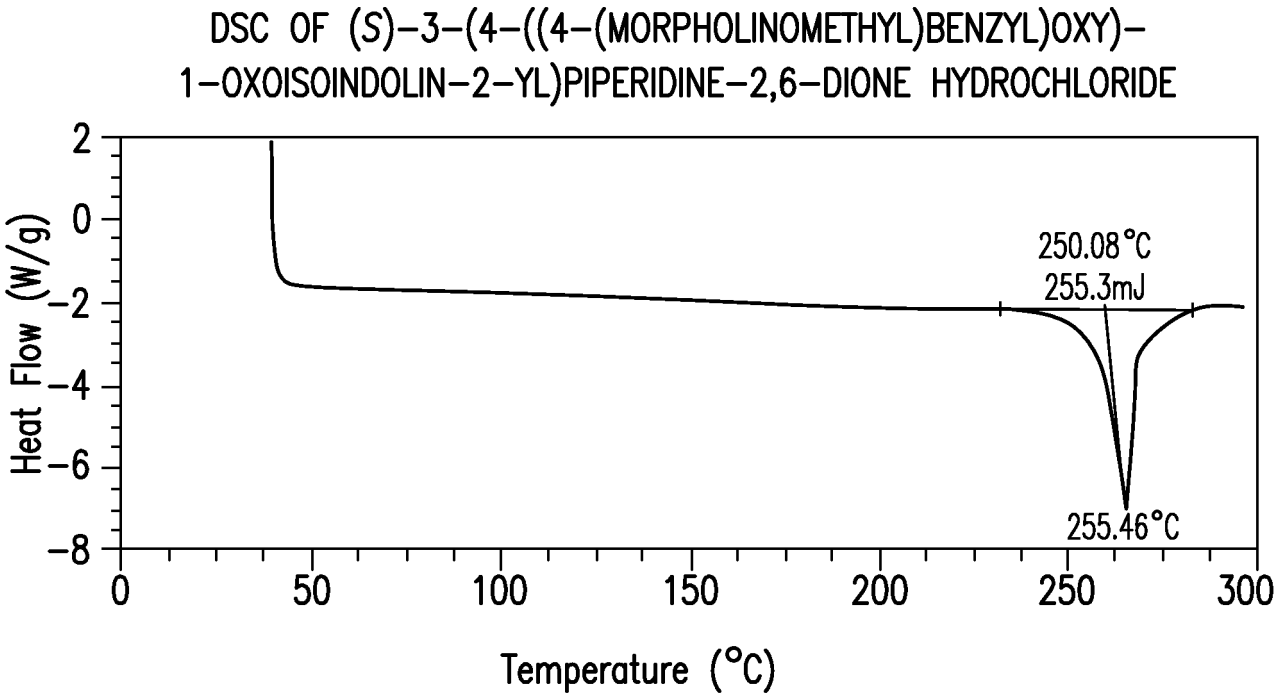
DSC OF (S)-3-(4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE HYDROCHLORIDE
Heat Flow (W/g)
2
0
-2
-4
-6
-8
250.08°C
255.3mJ
255.46°C
0
50
100
150
200
250
300
Temperature (°C)

FIG. 1

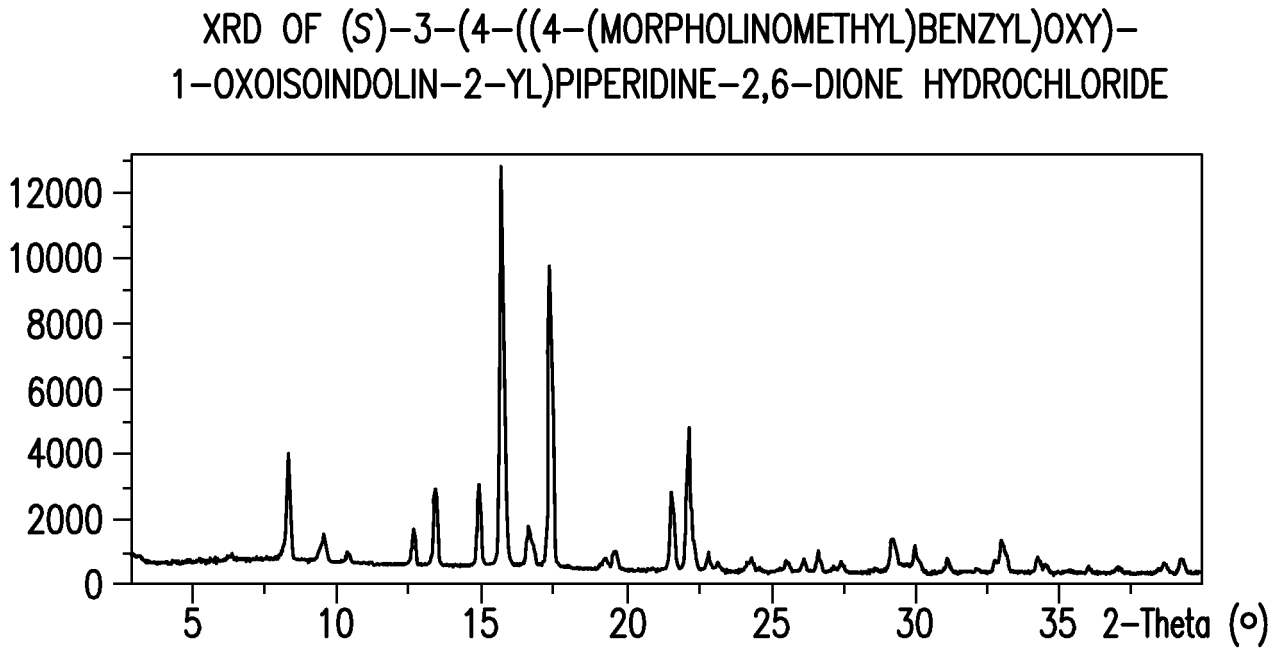
XRD OF (S)-3-(4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE HYDROCHLORIDE
12000
10000
8000
6000
4000
2000
0
5
10
15
20
25
30
35
2-Theta (°)

FIG. 2

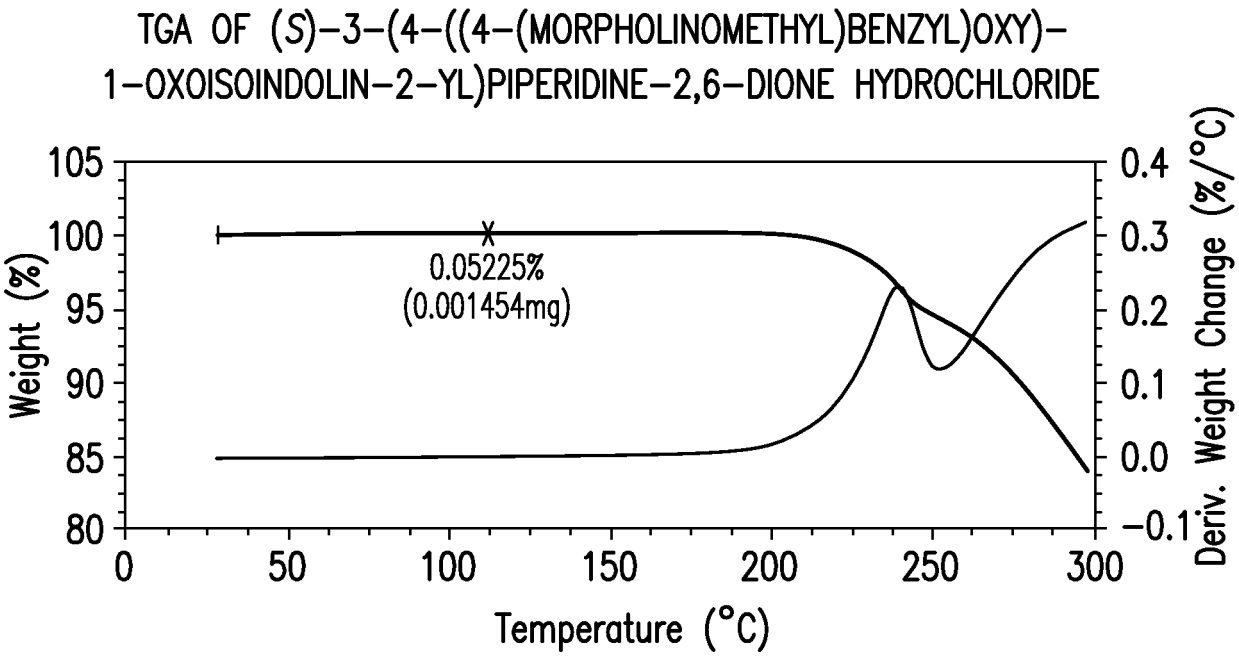
TGA OF (S)-3-(4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE HYDROCHLORIDE
Weight (%)
105
100
95
90
85
80
0.05225%
(0.001454mg)
0
50
100
150
200
250
300
Temperature (°C)
Deriv. Weight Change (%/°C)
0.4
0.3
0.2
0.1
0.0
-0.1

FIG. 3

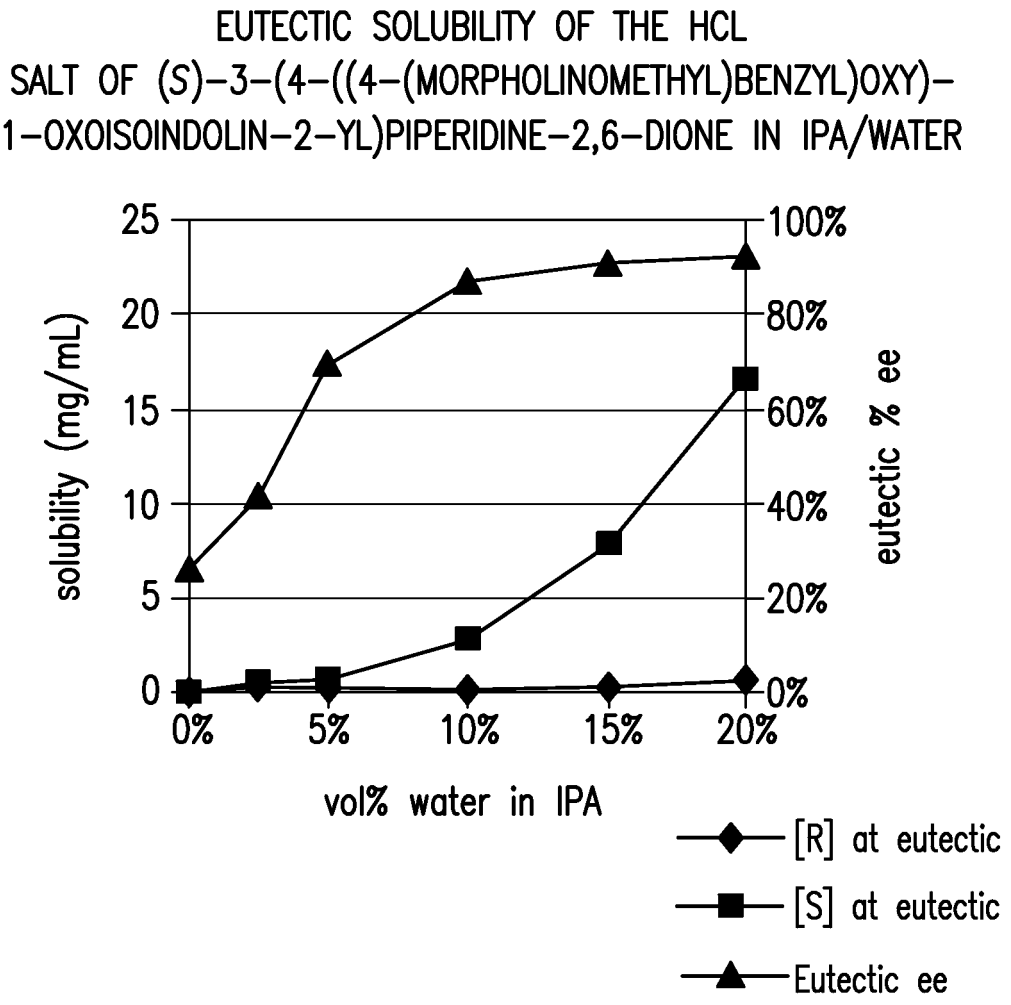
EUTECTIC SOLUBILITY OF THE HCL SALT OF (S)-3-(4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE IN IPA/WATER
solubility (mg/mL)
25
20
15
10
5
0
100%
80%
60%
40%
20%
0%
eutectic % ee
0%
5%
10%
15%
20%
vol% water in IPA
[R] at eutectic
[S] at eutectic
Eutectic ee

FIG. 4

EUTECTIC SOLUBILITY OF THE HCL SALT OF (S)-3-(4-((4-(MORPHOLINOMETHYL)BENZYL)OXY)-1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE AS A FUNCTION OF TEMPERATURE IN VARIOUS SOLVENT SYSTEMS

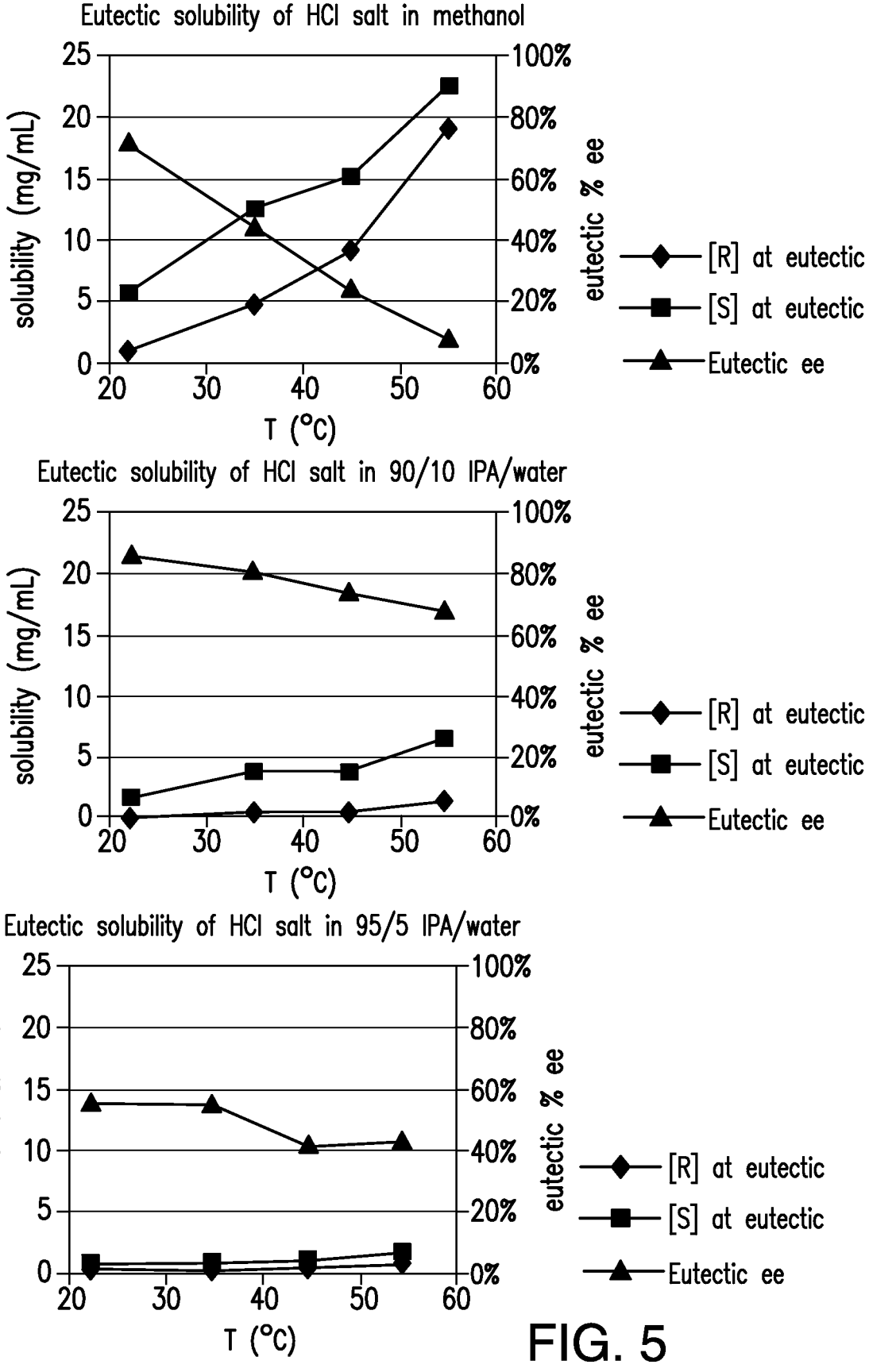

FIG. 5