Supplemental Figures and legend

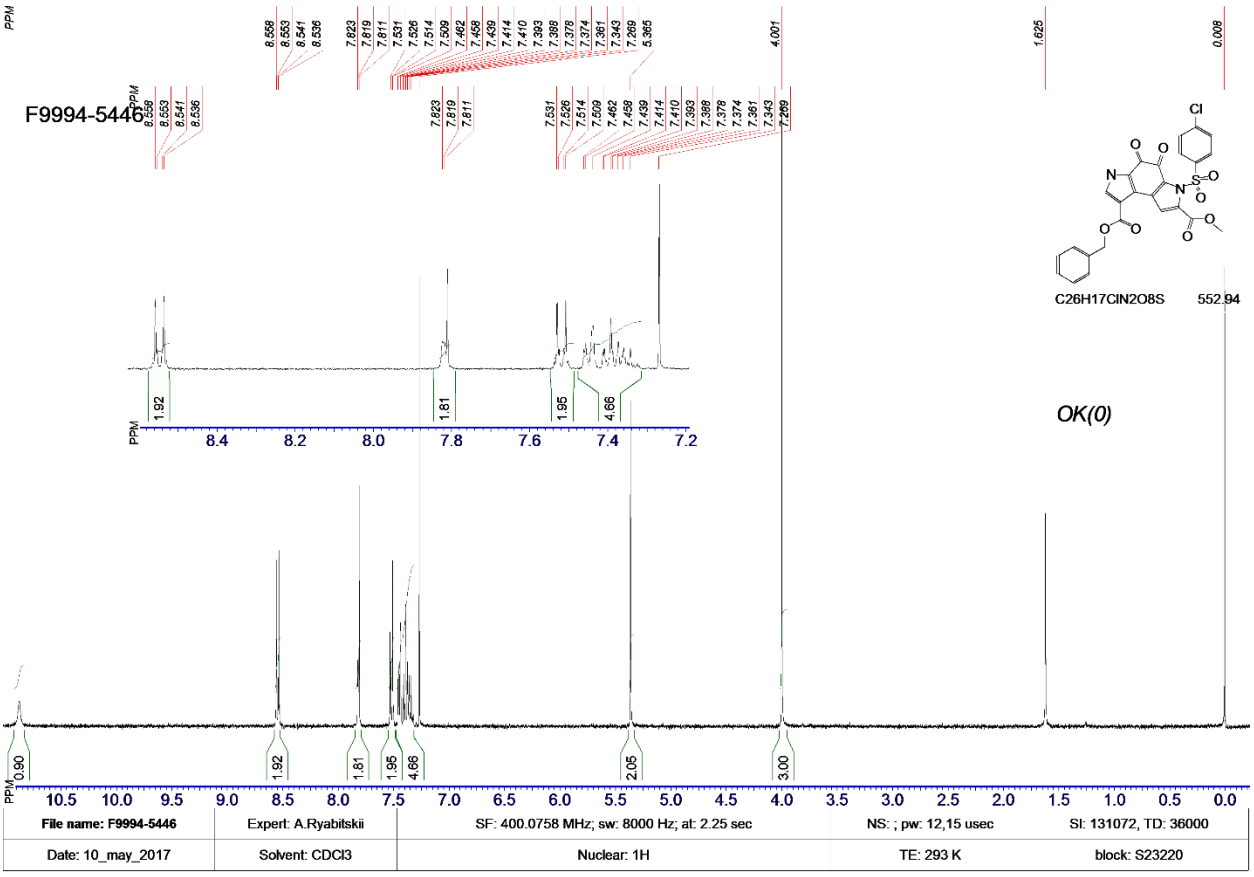


Figure S1. Characterization of F5446: F5446 ^{1}H spectrum.

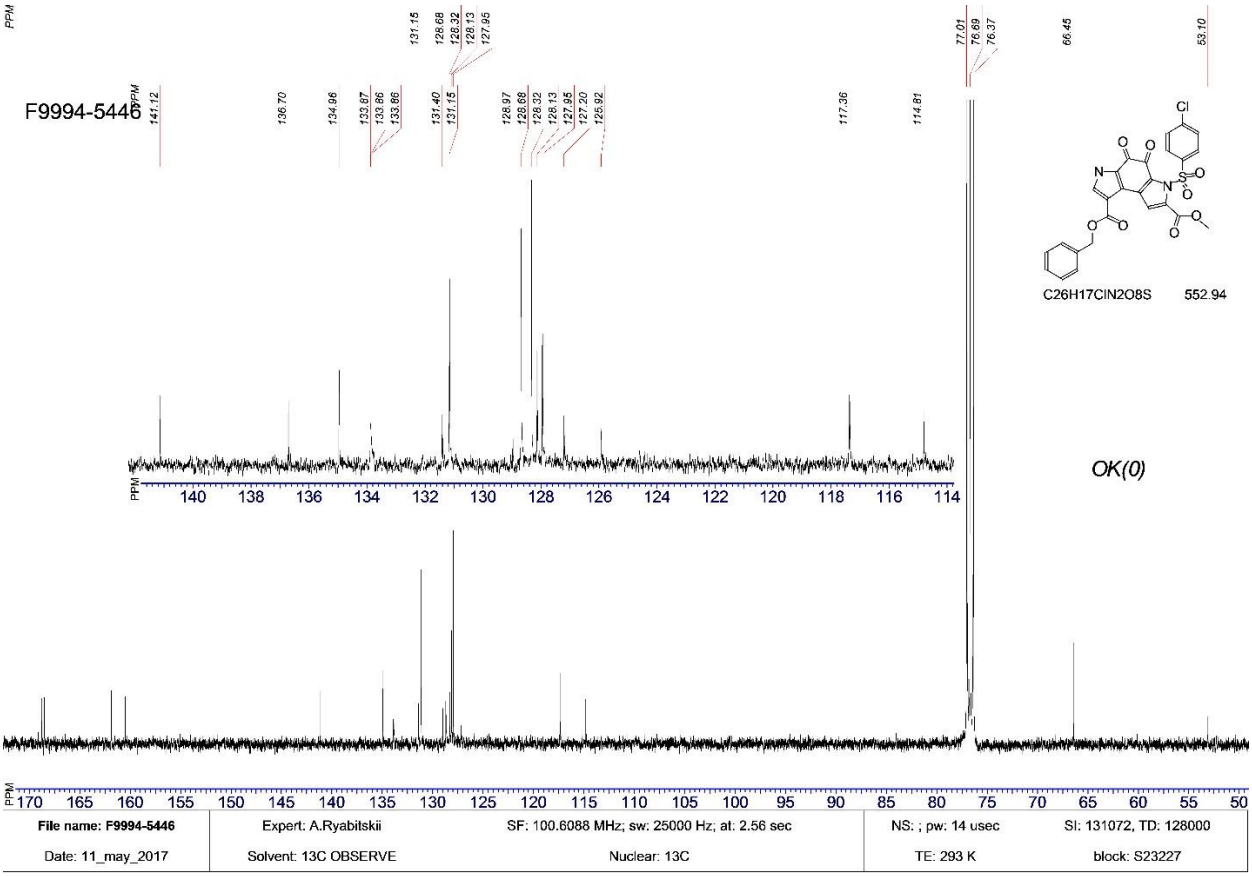


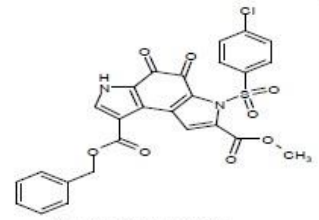
Figure S2. Characterization of synthesized F5446. F5446 ^{13}C spectrum.

X:\OUTPUT\2017\17_05\170510\M24282\99945446.D Sample Name: 99945446 Page 1 of

-.o.-Syntez Purity Report -.o.-

Agilent 1100 LC/MSD SL
Diodearrey G1315B (DAD1A-215nm; DAD1B-254nm)
Mass Quad G1956B (MSD1-Pos, MSD2-Neg)
ELSD Altech 3300 (ADC1 A, ELSD)

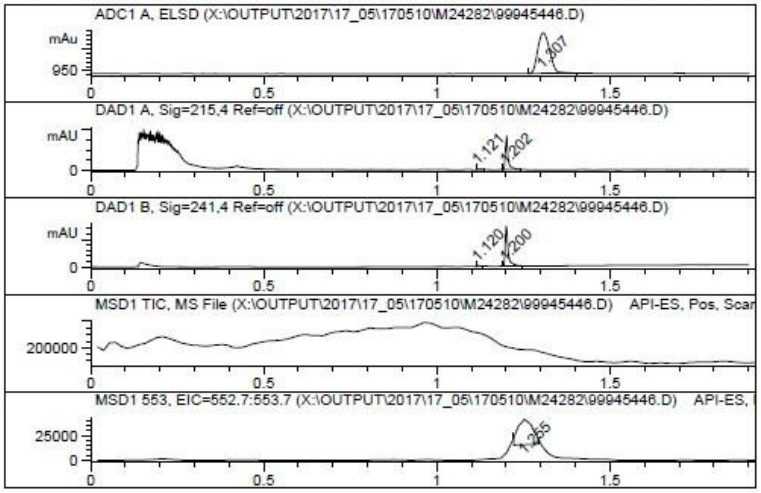
Mobile Phase:A-H2O+0.1%HCOOH;B-MeCN+0.1HCOOH
Separation col 97 %
Rapid Resolutionn HT Cartrige 4.6x30mm,
1.8-Micron, Zorbax SB C-18

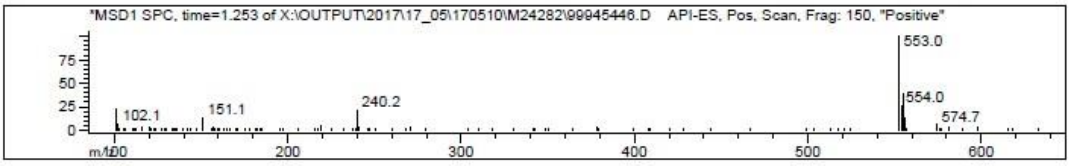


Mol.Weight: 552.95
Salt:

F9994-5446

M24282 ->





#	Signal	R.Time	Area %
1	ADC1 A, ELSD	1.307	100.000

#	Signal	R.Time	Area %
1	DAD1 A, Sig=215,4 Ref=off	1.121	2.578
2		1.202	97.422

#	Signal	R.Time	Area %
1	DAD1 B, Sig=241,4 Ref=off	1.120	2.416
2		1.200	97.584

#	Signal	R.Time	Area %
1	MSD1 553, EIC=552.7:553.7	1.255	100.000

Figure S3. Characterization of synthesized F5446. F5446 HPLC and mass spectrophotometry data

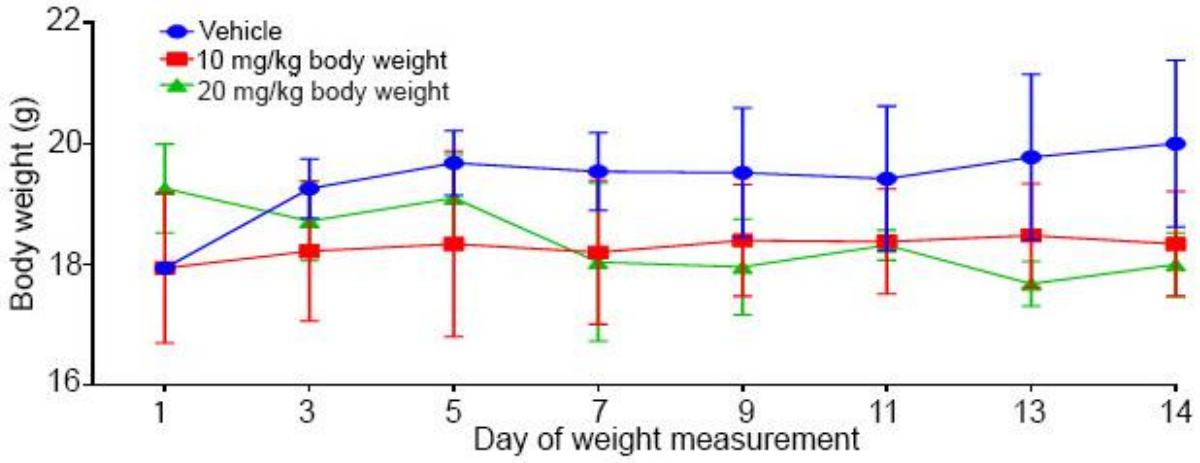


Figure S4. Mouse weight change kinetics. Mice were treated with vehicle (n=5), F5446 (n=5) at the indicated dose every 2 days for 7 times.

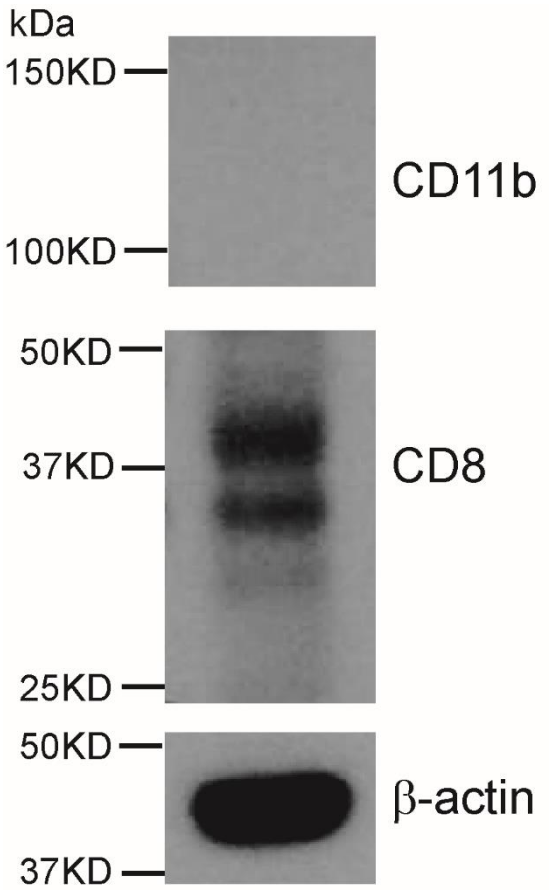


Figure S5. Isolation of tumor-infiltrating CD8$^+$ CTLs. Tumor tissues were collected from CT26 tumor-bearing mice and digested with collagenase to make single cells. The cell mixtures were incubated with anti-mouse CD8 mAb-coated magnet beads for 30 min in 4^{o}C. The beads were pelleted in a magnet stand, washed once in PBS and lysed to make total cell lysate. The total cell lysate was analyzed by Western blotting with antibodies that are specific for the indicated proteins. β-actin was used as a normalization control.