Supplementary Material

Design, synthesis, and biological evaluation of novel FAK scaffold inhibitors targeting the FAK-VEGFR3 protein-protein interaction.

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Table S1: Table containing Log P of all compounds

Fig. S21: Molecular docking of analog 27

Fig. S22: Molecular docking of analog 28





Figure S1





Figure S2



Figure S3



Figure S4



Figure S5





Figure S6



Figure S7



Figure S8





Figure S9





Figure S10



Figure S11



Figure S12





Figure S13





Figure S14



Figure S15





Figure S16



Figure S17





Figure S18



Figure S19



Figure S20

Table S1. Log P values of 1 analogs

Compound No.	Log P
1	1.721
7	-1.634
8	-2.053
9	0.364
10	1.295
11	1.962
12	2.723
13	3.712
15	1.771
16	2.030
17	1.792
18	2.847
19	1.650
20	3.086
23	1.563
24	4.883
25	2.087
27	0.277
28	2.653
29	2.704

^aLog P values were calculated using PALLUS software.

Figure S21. Predicted binding pose of compound 27 to the FAT domain of FAK.



Ribbon representation of the FAT domain (gray) showing the binding pose of analog 27 (magenta stick) and residues within 5 Angstroms of 27 (green stick).





Ribbon representation of the FAT domain (gray) showing the binding pose of analog **28** (magenta stick) and residues within 5 Angstroms of **28** (green stick). A hydrogen bond (yellow dashed line) is formed between the quinoline ring of **28** and Lys 1032.