Target Name	VEGF receptor II
Target TTD ID	TTDS00008

Target Species	Human
Chemical Type	N- (Aryl)-4-(Azolylethyl) Thiazole-5-Carboxamides
Mode of Action	Agonist
QSAR Model 1	BA = [5.35111 (± 0.639971)] + I_2 [1.21889 (± 0.28205)] + X (Ch)(6) [-4.40829 (± 1.95195)] + Xv (PC)(5) [0.399077 (± 0.307898)] n=23, r=0.905808, r^2=0.820487, std=0.229413, F=28.9474 ($F_{(3,19)}$ = 4.94) Q^2=0.753, S_{PRESS}=0.268718, S_{DEP}=0.244236
QSAR Model 2	BA = [7.16667 (± 0.251731)] + I_1 [-1.18213 (± 0.242998)] + DL [-0.102785 (± 0.0607741)] n=13, r=0.963524, r^2=0.928378, std=0.178149, F=64.8112 ($F_{(2,10)}$ = 7.56), Q^2= 0.876577, S_{PRESS}= 0.233862, S_{DEP}= 0.20511
Molecular Descriptor	Access the following web-servers to compute molecular descriptors: **MoDel** and **e-dragon** I_1, indicator variable given for the presence of isoxazole nucleus in the structure; Xv (P)(5), fifth order path type valence connectivity indices; n, number of data points; r, correlation coefficient; r^2, squared correlation coefficient; std, standard deviation; F, Fischer ratio between the variances of calculated and observed activities; Q^2, cross validated squared correlation coefficient; SPRESS and SDEP, standard deviation based on predicted residual sum of squares and standard deviation of error of prediction respectively; Topological and physicochemical descriptors were calculated using QSAR software Modeslab electronic descriptors were calculated on the Chem3D software using the "Compute Properties Module"; *n* is number of data points, *r* is correlation coefficient, r^2 is squared correlation coefficient, std is standard deviation, F represents Fischer ratio between the variances of calculated and observed activities.
Reference	QSAR study on N- (Aryl)-4-(Azolylethyl) Thiazole-5-Carboxamides: Novel Potent Inhibitors of

	VEGF Receptors I and II. *Medicinal Chemistry*, 2009, *5*, 455-461