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New insights in the structure-activity relationship of 2-phenylamino-substituted benzothiopyrano[4,3-d]pyrimidines as kinase inhibitors

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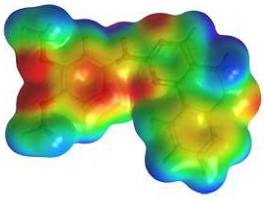
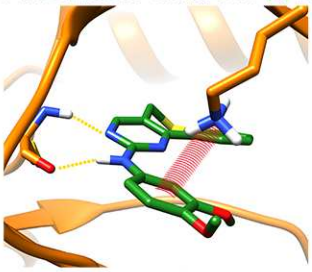
ENHANCING LIGAND/KDR CATION-π INTERACTIONS





Compound 16

KDR IC_{50} = 0.11 μM
HUVEC GI_{50} = 1.50 μM
HeLa GI_{50} = 1.50 μM
A-431 GI_{50} = 2.32 μM
MSTO-211H GI_{50} = 1.63 μM

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