Target Name	Leukotriene B_4 receptor
Target TTD ID	TTDR00545

Target Species	Human
Chemical Type	Ortho-phenylphenols
Mode of Action	Antagonist
QSAR Model 1	pKi = 9.53(±0.34) - 1.01 (±0.18) **B2** n=11 r=0.88 F=30.68 p=0.000
QSAR Model 2	pKi = 8.33(±0.35) - 0.89 (±0.19) **B3** n=11 r=0.85 F=23.03 p=0.001
QSAR Model 3	pKi = 8.81(±0.34) - 0.53(±0.15) **B4** n=11 r=0.75 F=12.02 p=0.007
QSAR Model 4	pKi = 9.19(±0.62) - 0.46(±0.19) **L1** n=11 r=0.64 F=6.21 p=0.034
QSAR Model 5	pKi = 8.18(±0.13) - 1.32(±0.36) **R** - 0.15(±0.03) **MR** n=11 r=0.90 F=17.22 p=0.001 **R** term F=13.53 p=0.006 **MR** term F=34.37 p=0.000
Molecular Descriptor	Access the following web-servers to compute molecular descriptors: **MoDel** and **e-dragon** Sterimol descriptors B2, B3, B4 and L1; R: Substituent electronic effects; MR: the size term.

Reference	QSAR study of ortho-phenylphenol leukotriene B_4 receptor antagonists. *Bioorganic & Medicinal Chemistry Letters*, Vol. 4, No. 6. pp. 795-800. 1994