

Table 4. Primary screen for growth inhibition of EGFR(L858R/T790M)-containing cell line H1975

	Inhibition of H1975 cell proliferation at 2 micromolar compound (percent)
1-Azakenpaullone (Calbiochem)	31
BAY-37-9751	< 25
BMS-354825	69
BMS-387032	63
BPIQ-1(Calbiochem)*	< 25
CI-1033	85
CL-387785 (Calbiochem)	86
EGFR/ERBB2 Inhibitor (Calbiochem)*	< 25
EKB-569	87
Erlotinib	32
Gefitinib	46
GSK3B Inhibitor VIII (Calbiochem)*	27
H-89 (Calbiochem)	< 25
IKK-2 Inhibitor IV (Calbiochem)*	35
IKK-2 Inhibitor V (Calbiochem)*	76
Imatinib	< 25
JAK Inhibitor I (Calbiochem)*	< 25
Lapatinib (GW-572016)	not in initial screen; see Table 5 for IC <sub>50</sub>
LY-294002 (Calbiochem)	< 25
MLN-518	28
PD-153035 (Calbiochem)	49
PD-173955	52
PD-180970	55
PD-98059 (Calbiochem)	< 25
PKI-166	not in initial screen; see Table 5 for IC <sub>50</sub>
PP1 (Calbiochem)	60
Purvalanol B	< 25
Quercetin dihydrate (Calbiochem)	27
Raf Kinase Inhibitor I (Calbiochem)*	< 25
RWJ-67657	< 25
SB-202190 (Calbiochem)	< 25
SB-216763 (Biomol)	37
SB-415286 (Biomol)	< 25
SP600125 (Calbiochem)	< 25
SU-11248	< 25
SU-11464	not in initial screen; see Table 5 for IC <sub>50</sub>
SU-5416	< 25
SU-5614	< 25
SU-6668	< 25
SYK Inhibitor (Calbiochem)*	< 25
TGFBR1 Inhibitor (Calbiochem)*	< 25
TRKA Inhibitor (Calbiochem)*	< 25
Vatalanib	< 25
VX-680	34
VX-745	< 25
ZD-6474	56
ZM-336372	< 25

Each compound was tested in duplicate at a final concentration of 2 micromolar.

Compounds were either purchased from the indicated vendor, or custom synthesized.

\* Names as listed in Calbiochem catalog.