

Type of EGFR	EGFR (T790M/L858R)	EGFR (d746-750/T790M)	EGFR (L858R)	EGFR (d746-750)	EGFR (WT)
Example					
1	<0.50	<0.15	<0.50	<0.15	0.70
2	77	30	230	78	1400
3	6.1	1.8	15	7.6	110
4	0.40	<0.50	0.63	0.45	6.0
5	<0.15	<0.15	<0.15	<0.15	0.78
6	0.24	<0.15	0.45	0.24	4.9
7	1.0	0.53	1.7	1.2	12
8	<0.50	<0.15	<0.50	<0.15	1.0
9	2.1	0.45	5.9	2.3	52
10	1.5	0.61	2.6	1.8	22
11	0.76	0.32	1.4	0.88	12
12	0.66	0.29	1.2	0.75	11
13	2.1	1.1	2.8	2.1	24
14	0.24	<0.50	0.32	0.19	2.9
15	1.6	1.2	1.3	1.4	7.9
16	11	3.0	39	15	480
17	23	11	50	39	580
18	4.7	1.3	12	4.5	68
19	0.26	0.28	0.27	0.42	2.2
20	3.7	2.4	4.1	2.9	28
21	0.60	0.34	1.1	0.72	7.8
22	0.35	0.23	0.37	0.33	5.5
23	0.44	0.30	0.63	0.29	7.3
24	0.83	0.31	1.1	0.85	8.6
25	36	11	100	59	
26	1.0	0.31	1.7	1.1	
27	0.34	0.25	0.35	0.38	
28	0.30	<0.50	0.49	0.27	
29	14	8.4	19	21	
Comparative Example 1	>5000	>5000	>5000	1500	>5000

[0524]

Test Example 2: Test for Activity of Growth Inhibition against Wild-Type and Mutated EGFR-Expressing Cell Lines (In Vitro)

- 5 (1) A human small cell lung cancer cell line NCI-H1975 expressing EGFR (T790M/L858R), (2) a human non-small cell lung cancer cell line HCC827 expressing EGFR (d746-750), and (3) a human epithelioid cancer cell line A431 expressing EGFR (WT) were each