

**Supplementary Table 1.** Comparison of ganetespib and 17-AAG *in vitro* cytotoxicity in a panel of hematological and solid tumor cell lines.

Cell line	Cancer type	Ganetespib IC <sub>50</sub>	17-AAG IC <sub>50</sub>
HL60	Myeloid leukemia	40	290
CCRF-HSB-2	T cell leukemia	2	270
CCRF-SB	B cell leukemia	7	700
Daudi	B lymphoma	9	2900
SU-DHL-4	B lymphoma	20	2900
SU-DHL-8	B lymphoma	10	320
KU812	CML (BCR-ABL <sup>+</sup> )	6	320
K562	CML (BCR-ABL <sup>+</sup> )	20	260
KCL-22	CML (BCR-ABL <sup>+</sup> )	13	750
LAMA-84	CML (BCR-ABL <sup>+</sup> )	10	290
CML-T1	CML (BCR-ABL <sup>+</sup> )	9	1300
MV4-11	AML (FLT3 <sup>ITD</sup> )	4	17
MOLM-13	AML (FLT3 <sup>ITD</sup> )	5	90
RS-4-11	AML (FLT3 <sup>+</sup> , pro-B)	8	1300
THP-1	AML (FLT3 <sup>+</sup> , monocyte)	26	800
Kasumi-1	AML (c-KIT <sup>N822K</sup> )	10	360
CMK	AML (c-KIT <sup>+</sup> )	5	520
Set2	AML (JAK2 <sup>V617F</sup> )	15	>1000
HEL92.1.7	AML (JAK2 <sup>V617F</sup> )	20	>1000
Karpas-299	ALCL (NPM-ALK <sup>+</sup> )	10	450
SU-DHL-1	ALCL (NPM-ALK <sup>+</sup> )	14	300

SR-786	ALCL (NPM-ALK <sup>+</sup> )	16	500
RPMI-8226	Myeloma	<36	70
NCI-H1975	NSCLC (EGFR <sup>mutant</sup> )	10	40
NCI-H2009	NSCLC (EGFR <sup>wt</sup> )	15	90
NCI-H1650	NSCLC (EGFR <sup>mutant</sup> )	50	110
HCC827	NSCLC (EGFR <sup>wt</sup> )	10	30
NCI-H146	SCLC	8	1000
NCI-H69	SCLC	110	2800
A375	Melanoma (B-RAF <sup>V600E</sup> )	4	190
Malme-3M	Melanoma (B-RAF <sup>V600E</sup> )	8	110
SK-MEL-5	Melanoma (N-RAS <sup>Q61K</sup> )	18	120
GIST882	GIST (c-KIT <sup>K642E</sup> )	5	100
AGS	Gastric cancer (c-MET <sup>+</sup> )	5	30
MKN-45	Gastric adenocarcinoma	8	45
SNU-1	Gastric adenocarcinoma	6	12
SNU-5	Gastric adenocarcinoma	30	28
Hs746T	Gastric adenocarcinoma	380	5000
MDA-468	Breast	30	2500
MDA-MB-231	Breast	40	1000
MCF-7	Breast	40	60
BT-474	Breast (HER2 <sup>+</sup> )	13	70
ACHN	RCC (c-MET <sup>+</sup> )	15	160
DU145	Prostate	7	20
LNCaP	Prostate	17	270
HT-29	Colon	70	6
HCT-15	Colon	8	1800
COLO205	Colon	14	17

SW620	Colon	5	40
SW480	Colon	21	210
MSTO-211H	Mesothelioma	7	250
NCI-H2052	Mesothelioma	85	320
NCI-H2452	Mesothelioma	300	580
NCI-H28	Mesothelioma	600	1100
BxPC-3	Pancreatic adenocarcinoma	460	110
HPAF	Pancreatic adenocarcinoma	60	30
PANC1	Pancreatic adenocarcinoma	200	>5000