

Supplementary Table 1. Kinase selectivity profile of BI 5700

Kinase	IC50 (nM)	Kinase	IC50 (nM)
IKK-2	9	JAK3	>10 000
IKK-1	594	JNK1	>10 000
IKK ϵ	>10 000	KIT	>10 000
TBK1	>10 000	LCK	>10 000
ABL1	>10 000	MAP4K4	>10 000
ACVR1B	>10 000	MAPK1	>10 000
AKT1	>10 000	MAPKAPK2	>10 000
ALK	>10 000	MARK2	>10 000
AMPK A1/B1/G1	>10 000	MEK1	>10 000
AURKA	>10 000	MET	>10 000
AXL	5 550	NEK1	>10 000
BRAF	>10 000	NTRK1	>10 000
BTK	>10 000	PAK4	>10 000
CDK1	>10 000	PDGFRB	7 500
CHEK1	>10 000	PDK1	>10 000
CSF1R	>10 000	PHKG2	>10 000
CSK	>10 000	PIM1	>10 000
CK1 gamma 2	>10 000	PLK1	>10 000
CK2 alpha 1	>10 000	PRKACA	8 120
DYRK1B	>10 000	PRKCB1	>10 000
EGFR	>10 000	PTK2B	>10 000
EPHA2	>10 000	RET	9 260
FGFR1	>10 000	ROCK1	2 730
FLT3	721	RSK2	>10 000
FRAP1 (mTOR)	>10 000	S6K	>10 000
GSK3B	>10 000	SRC	>10 000
HER2	>10 000	SYK	>10 000
IGF1R	>10 000	TGFBR1	>10 000
INSR	>10 000	Tie2	>10 000
IRAK4	>10 000	VEGFR2	>10 000

We determined the inhibitory activity of BI 5700 against a panel of tyrosine and serine/threonine kinases. Kinase assays were performed by contract research organizations, or reagents were obtained from commercial sources and assays were performed according to the supplier's instructions. Appropriate positive and negative controls were included in the assay design.