

**Supplementary Table S2.** Estimated absolute IC<sub>50</sub> based on a 4-parameter logistic model.

<b>Cell line/Mutation</b>	<b>Estimated absolute <math>\mu\text{M}</math> IC<sub>50</sub> and 95% CI</b>
MOLM13	1.33 (1.26, 1.41)
MOLM13-Res	3.42 (3.25, 3.58)
Ba/F3 GFP+IL3	Unable to calculate IC <sub>50</sub>
Ba/F3 FLT3-ITD	1.21 (1.16, 1.26)
Ba/F3 FLT3-D835H	1.74 (1.64, 1.85)
Ba/F3 FLT3-D835Y	6.11 (5.39, 6.83)
Ba/F3 FLT3-ITD/D835H	3.76 (3.5, 4.03)
Ba/F3 FLT3-ITD/D835Y	7.55 (6.99, 8.12)
Ba/F3 FLT3-ITD/F691L	7.12 (6.44, 7.81)