

Figure S1. Q–Q plot and histogram of IC50 values for BACE1 inhibitors. The Q–Q plot compares the sample quantiles against theoretical normal quantiles, while the histogram shows the IC50 distribution overlaid with a fitted normal probability density function. Descriptive statistics and normality test results are indicated on the Q–Q plot.

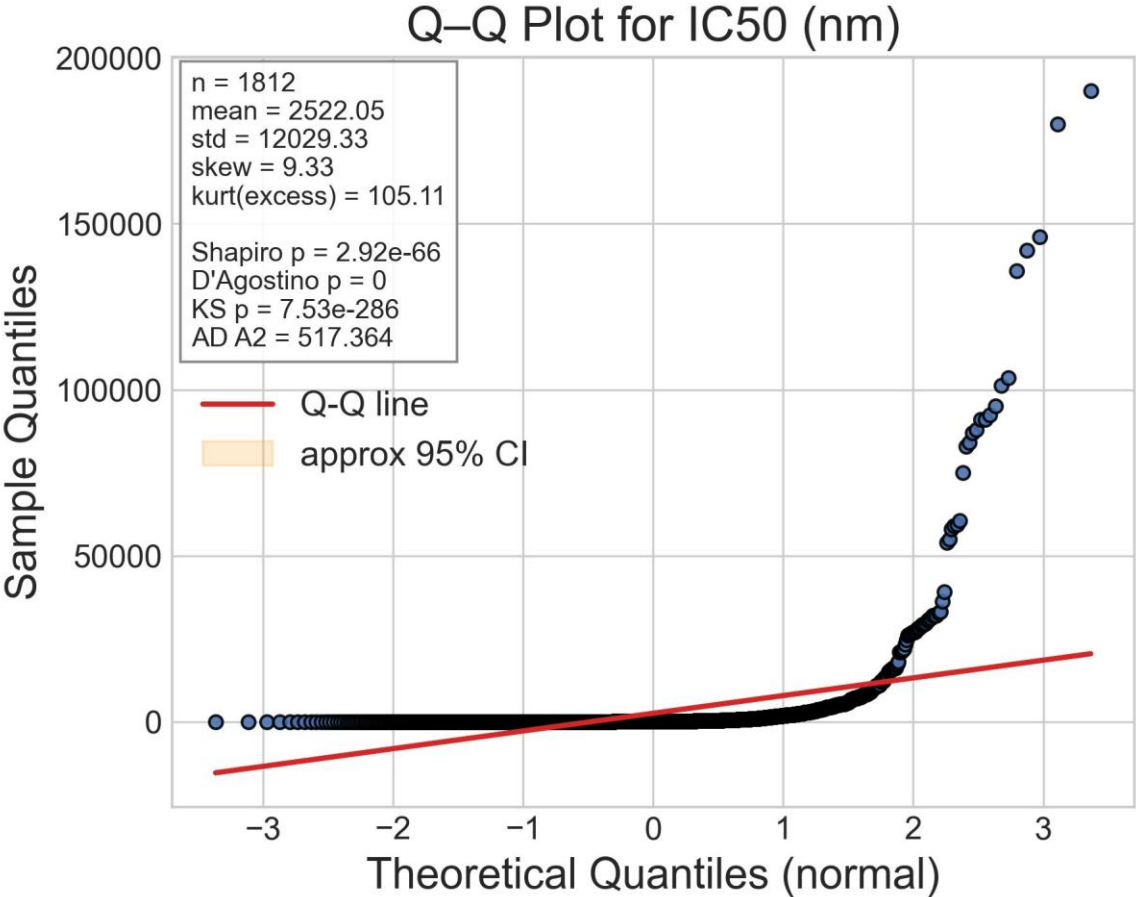
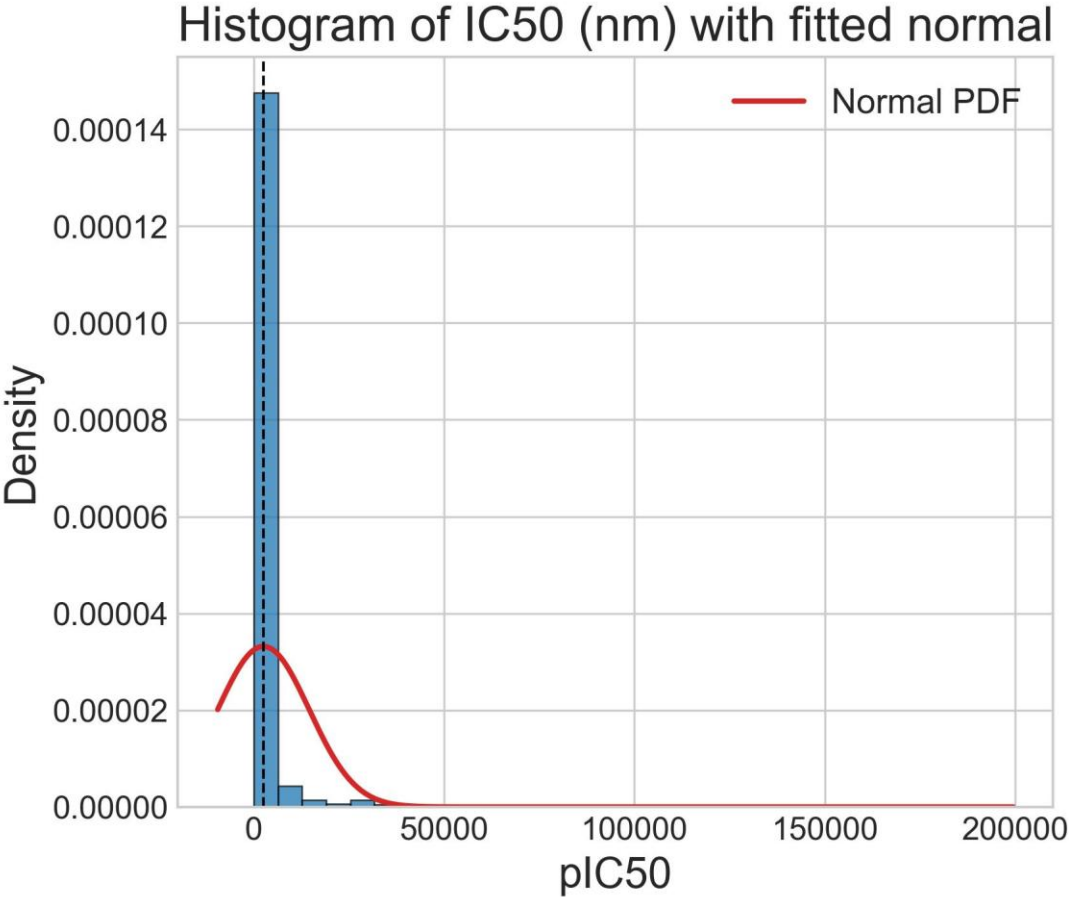


Figure S2. Q–Q plot and histogram of pIC50 values for BACE1 inhibitors. The Q–Q plot compares the sample quantiles against theoretical normal quantiles, while the histogram shows the pIC50 distribution overlaid with a fitted normal probability density function. Descriptive statistics and normality test results are indicated on the Q–Q plot.

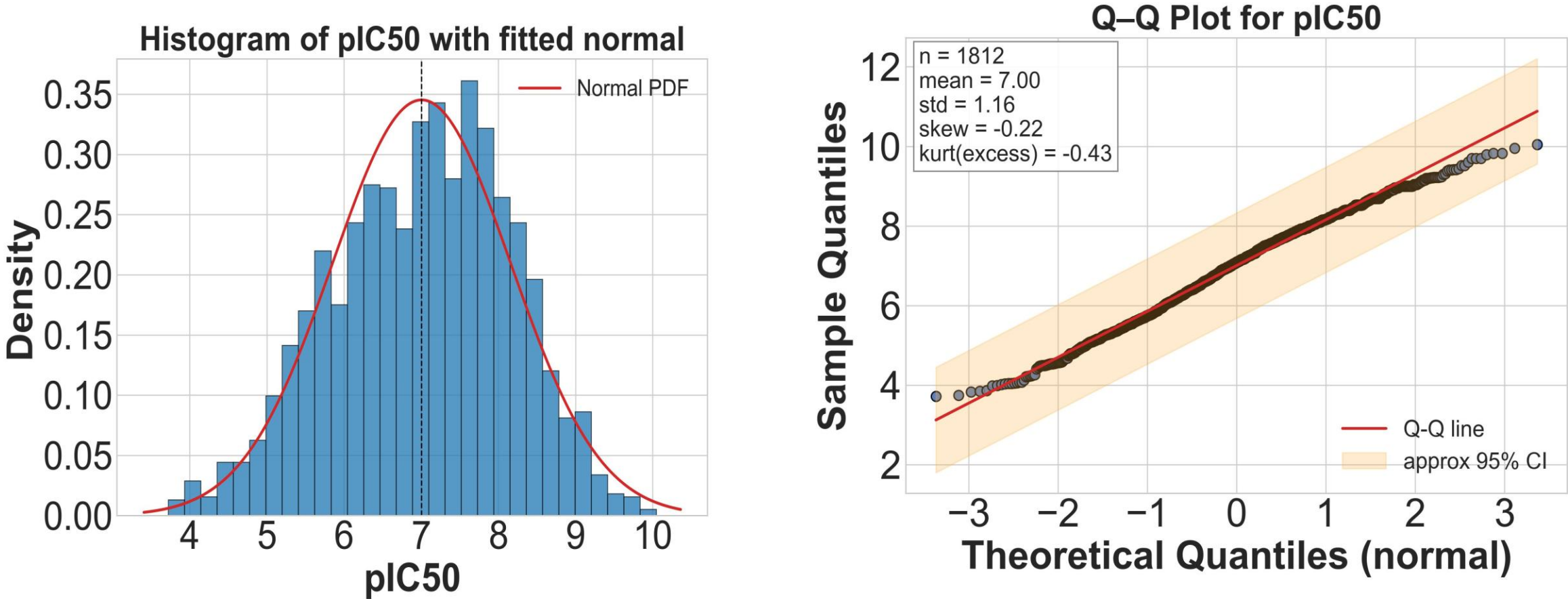


Figure S3. Q–Q plot and histogram of LogP values for BACE1 inhibitors. The Q–Q plot compares the sample quantiles against theoretical normal quantiles, while the histogram shows the LogP distribution overlaid with a fitted normal probability density function. Descriptive statistics and normality test results are indicated on the Q–Q plot.

