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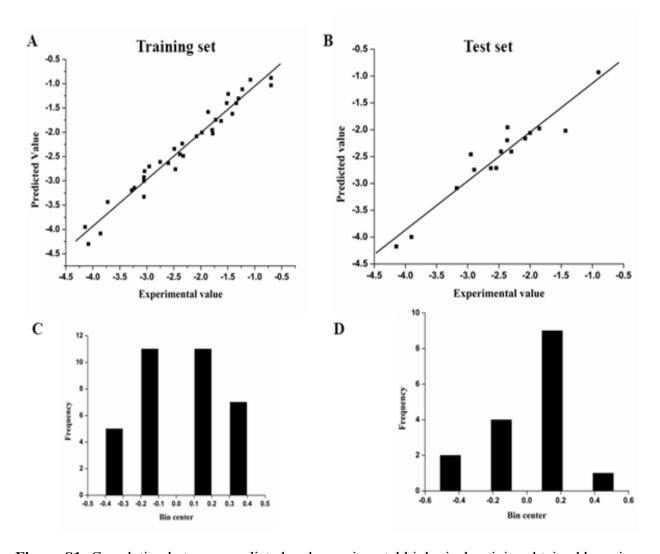


Figure S1: Correlation between predicted and experimental biological activity obtained by using the final structure-activity model for training (**A**) and test (**B**) set compounds. Residual histogram frequency statistics are shown for training (**C**) and test (**D**) set compounds.

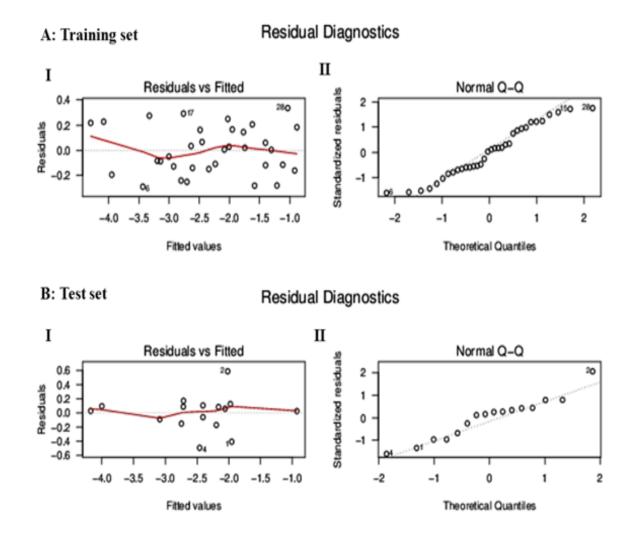


Figure SII: Identification of "domain of applicability" of the designed hybrid structure-activity model for (**A**) training set (**B**) test set. **I**: Residual vs Fitted values plot; **II**: Q-Q plot.