**Supplementary Table 4. Binding affinities of Compounds with 5'UTR-SL5 in the PEDV genome.**

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| --- | --- | --- | --- |
| Compounds | Names | structural formula | Binding affinities |
| 1 | 1-(2-methylpyrimidin-4-yl)piperidin-4-amine | 5 | 4.75 μM |
| 2 | 3,4-Dimethoxybenzylamine | 49 | 0.11 mM |
| 3 | N-ethyl-1-(pyridin-4-yl)piperidin-4-amine | 4 | 18.8 μM |
| 4 | 4-(4-Chlorophenyl)pyrimidin-2-amine | 8 | 1.86 μM |
| 5 | 5-Methoxybenzo[d]thiazol-2-amine | 20 | -- |
| 6 | N-3-pyridinylpyrazolo[1,5-a]pyrimidine-3-carboxamide | 28 | 1.10 mM |
| 7 | N-methyl-1-(1-phenylpyrazol-4-yl)methanamine | 46 | 13.3 μM |