**Table 15. Pairwise Comparison of the H1299 H1299 Concentrations (µM) (AKT) between different concentration**

| Tukey Post-Hoc Test – H1299 Concentrations (µM) (AKT) | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | |  | | **Control group (0 μM)** | | **Low-dose treatment group (5 μM)** | | **Middle dose group (30 μM)** | | **High-dose treatment group (50 μM)** | |
| Control group (0 μM) |  | Mean difference |  | — |  | 0.0780 |  | 0.1340 | \*\* | 0.08200 |  |
|  |  | p-value |  | — |  | 0.068 |  | 0.001 |  | 0.053 |  |
| Low-dose treatment group (5 μM) |  | Mean difference |  |  |  | — |  | 0.0560 |  | 0.00400 |  |
|  |  | p-value |  |  |  | — |  | 0.253 |  | 0.999 |  |
| Middle dose group (30 μM) |  | Mean difference |  |  |  |  |  | — |  | -0.05200 |  |
|  |  | p-value |  |  |  |  |  | — |  | 0.310 |  |
| High-dose treatment group (50 μM) |  | Mean difference |  |  |  |  |  |  |  | — |  |
|  |  | p-value |  |  |  |  |  |  |  | — |  |
| Note. \* p < .05, \*\* p < .01, \*\*\* p < .001 | | | | | | | | | | | |
|  | | | | | | | | | | | |

 Pairwise Comparison of the H1299 H1299 Concentrations (µM) (AKT) between different concentration depicted statistically significant difference between concentration (p<0.05) only between control and middle dose whereas there was no statistically significant difference between other groups.