

**ATP Level and Cough Sensitivity to ATP in Subjects with Refractory/Unexplained
Chronic Cough**

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Statistical Analysis Plan

IBM SPSS Statistics version 26 was used for analysis. Concentrations of ATP and capsaicin were log-transformed (Lg) for calculation. Normal distribution data was presented as mean \pm standard deviation, while median (interquartile range) for skewed data. Data were compared by independent-samples t test, Mann-whitney U test or chi-square test. Correlation analysis was conducted using Pearson correlation coefficient. A P value < 0.05 was considered statistically significant.