A puzzler about sets

There are two kinds of adjectives:

- ▶ autological: autological adjectives describe themselves. Examples: "pentasyllabic" is autological, because pentasyllabic is pentasyllabic it has five syllables. Also, "unhyphenated" is autological, and so is "pronounceable"
- ▶ heterological: heterological adjectives don't describe themselves. Examples: "monosyllabic" is heterological, because monosyllabic is monosyllabic it has more than one syllable. Also, "hyphenated" is heterological, and so is "orange" (and most other adjectives).

Let S be the set of all heterological adjectives, so "orange" $\in S$ but "pronouncable" $\notin S$.

Question: Is "heterological" $\in S$?