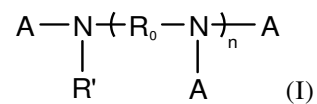


Abstract

The present invention relates to a benzotriazole derivative, a preparation process thereof and the use thereof in preparation of the lubricating oil composition. The structure of the benzotriazole derivative of the present invention is shown by general formula (I). The benzotriazole derivative of the present invention, as the anti-wear additive for lubricating oil, not only has an excellent extreme pressure anti-wear property, but also has one or more excellent properties of thermal oxidation stability, corrosion resistance, rust resistance and anti-friction performance.



In the general formula (I), each of the group(s) and the number(s) are defined as in the description.