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Keywords

Flavohemoglobins, *Staphylococcus aureus*, quinones, nitroaromatic compounds, nitrosative stress.

Abbreviations

ArNO₂, aromatic nitrocompound; E^1_7 , single-electron reduction potential at pH 7.0; FNR, ferredoxin:NADP⁺ reductase; FHb, flavohemoglobin; Hb, hemoglobin; HbFe²⁺O₂, oxyhemoglobin; metHb, methemoglobin; Q, quinone; P-450R, NADPH:cytochrome P-450 reductase; *S. aureus*, *Staphylococcus aureus*; SaFHb, *S. aureus* flavohemoglobin; TNT, 2,4,6-Trinitrotoluene.

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