

SHORT COMMUNICATIONS

ANTIOXIDANT ACTIVITY OF NEW SYNTHESIZED PYRIMIDINONE DERIVATIVES

ABSTRACT

Pharmacological properties of pyrimidinones have been studied in relation to the antioxidant activity. All the sodium salts of hydroxystyryl derivatives exhibit pronounced antioxidant activity in contrast to 2,6-dialkylsulfamide derivatives of pyrimidin-4(1*H*)-one. Screening of antioxidant activity has shown that compounds containing vanillin residues **IIa** and *o*-vanillin residues **IIc** are the leading compounds.