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Modulation of Aldose Reductase Activity by Aldose Hemiacetals

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The abbreviations used are: AR, aldose reductase; ARIs, aldose reductase inhibitors; HNE, *trans*-4-hydroxy-2,3-nonenal; ARDIs, aldose reductase differential inhibitors; 2-ME, 2-mercaptoethanol; DTT, D,L-dithiothreitol; *h*AR, human placental recombinant aldose reductase; *b*AR, bovine lens aldose reductase; GAL, D,L-glyceraldehyde; SB, 10 mM sodium phosphate buffer pH 7.0;

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