Potentiation of glucocorticoid-included lysis in refractory and resistant leukemia cells by inhibitors of ADP-ribosylation

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Abstract

Meta-iodo-benzylguanidine (MIBG; 3× 10− 5 M), a novel inhibitor of mono (ADP-ribosylation)-and the general ribosylation inhibitor nicotinamide (NA; 5–20 mM) both
stimulated the glucocorticoid-mediated lysis of sensitive L1210 leukemia cells and even
induced susceptibility in various human and murine lines refractory or resistant to dexamethasone (DEX). Potentiation and induction of DEX-sensitivity by ADP-ribosylation
inhibitors was accompanied by an increase in saturable of 3 H-DEX binding sites and by

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