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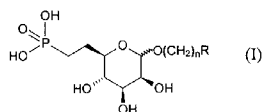
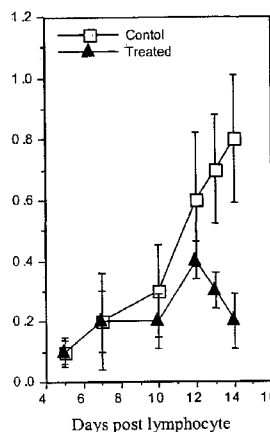
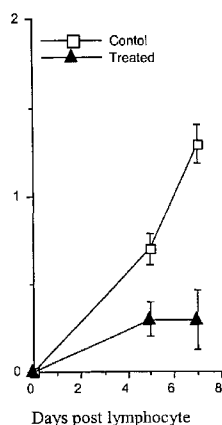
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[Continued on next page]

(54) Title: MANNOSE-6-PHOSPHATE COMPOUNDS FOR THE TREATMENT OF INFLAMMATORY DISEASES



(57) Abstract: Novel phosphotetrahydropyran compounds that mimic mannose-6-phosphate but that are more resistant to phosphatases and mannosidases, and pharmaceutical compositions thereof, are disclosed. These compounds and compositions inhibit T lymphocyte migration from blood to tissues or to other extravascular sites. By inhibiting such migration, these compounds are useful for treating diseases or disorders that are mediated at least in part by such T lymphocyte migration. Such diseases and disorders include rheumatoid arthritis, multiple sclerosis, acute disseminated encephalomyelitis, psoriasis, inflammatory bowel disease, T cell-mediated dermatitis, stromal keratitis, uveitis, thyroiditis, sialitis and type I diabetes.



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