These results of antiviral activity of compounds II reveal that when carboxylic group is introduced in the aryl moiety, the activity of the compound is increased, more so if the group is at m or p-position, while with the other substituents, the compounds are either less active or as active as the formazan with unsubstituted aryl ring. From the SAR point of view one can thus infer that the presence of a free ionic group in the molecule appears to enhance the antiviral activity of the formazans, since the compound with carboxethoxy group (IIh) is as active as the parent compound (Ila).

The results of antiviral activity of compounds III indicate that among the tetrazolium bromides, only the compound (IIIc), with an acetamide group at p-position in aryl exhibited a greater activity than the corresponding formazan (IIc). These results thus lead one to conclude that oxidation of formazans into the tetrazolium bromides, on the whole, renders them inactive against RDV.

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ANNOUNCEMENT

INTERNATIONAL SEMINAR ON ‘IMPACT OF GENETICS ON BASIC PROBLEMS OF HUMAN BIOLOGY’

An International Seminar on "Impact of Genetics on Basic problems of Human Biology" is being organised at Bhopal (Madhya Pradesh) India under the joint auspices of Bhopal University, Bhopal and Society of Bionaturalists during 2-5 December 1983. The major sessions will include invited deliberations on Detection and Prevention of abnormal births, Child and Mother care, Twins and Twinning, Genetics of blood disorders, Chromosomes in cancer, Human ecological genetics: genetics of isolates, population migration, impact of urbanisation. The proceedings will be published in 'Bionature'. Abstracts of papers may be submitted before the end of October 1983. The registration fee of $50 may be sent along with the abstract. All payments may be made to Bionature.

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