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BIBLIOGRAFIA

Tema: Bendazol, aspectos farmacológicos,tratamiento de enfermedades de nervios periféricos(parálisis facial, etc) acción hipotensora, vasodilatador

Fecha: 26.10.99

Farmaco [Sci] 1988 Mar;43(3):215-26

[Preparation and pharmacologic activity of
2-(4'R')benzyl-5R-benzimidazole and 2-(4'-pyridinyl)-5R-benzimidazoles.
Analgesic activity and effect on conditioned avoidance response].

[Article in Italian]

Paglietti G, Pirisi MA, Loriga M, Grella GE, Sparatore F, Satta M, Manca P

Istituto di Chimica Farmaceutica e Tossicologia, Universita di Sassari.

Sixteen 2-(4'R')phenyl-5R-benzimidazoles and two 2-(4'-pyridinyl)-5R-benzimidazoles were prepared and tested, together
with 2-phenylbenzimidazole, for their activity on the acquisition of a conditioned avoidance response in rats and for analgesic
activity in mice, and compared with chlorpromazine and acetylsalicylic acid. Several compounds inhibit strongly the acquisition
of a C.A.R., with 2-(4'-alkoxy)phenylbenzimidazoles (XVI) and (XVII) clearly exceeding chlorpromazine. Analgesic activity is
also generally present in the examined compounds; those bearing in the position 5 a trifluoromethyl or an acetyl group exhibit an
activity higher than that of acetylsalicylic acid. Deconditioning and analgesic activities are not correlated with each other.

Farmaco [Sci] 1988 Mar;43(3):203-14

[Preparation and pharmacologic activity of
2-(4'R')benzyl-5R-benzimidazole. Analgesic activity and effect on
conditioned avoidance response].

[Article in Italian]

Paglietti G, Pirisi MA, Loriga M, Grella GE, Sparatore F, Satta M, Manca P, Peana A

Istituto di Chimica Farmaceutica e Tossicologica, Universita di Sassari.

Several derivatives of 2-benzylbenzimidazole (dibazole) bearing substituents on positions 5 and 4' were prepared and tested,
together with dibazole, for their activity on the acquisition of a conditioned avoidance response and for analgesic activity.
Chlorpromazine and acetylsalicylic acid were used as standards. Analgesic activity was found for all these compounds, most of
which proved more active than A.S.A. As regards the acquisition of a C.A.R., the 5-chloroderivatives exhibit a strong
inhibitory activity, that for compound (VIII) is equal to that of chloropromazine, while dibazole and the 5-trifluormethylderivatives stimulate the acquisition.

Vopr Virusol 1987 Mar-Apr;32(2):204-8

[Vasodilators as interferon inducers].

[Article in Russian]

Grigorian SS, Poverennyi AM, Ershov FI

Vasodilating drugs, inhibitors of cAMP phosphodiesterase activity (theophylline, caffeine, theobromine, etc.) and other vascular drugs (papaverin, dibasol, no-spa, etc.) were found in experiments in vivo to be capable of inducing interferon the peak of whose production was determined in the blood of animals 24 hours after drug administration (the observation period). The interferon production is critically dependent upon the dose and routes of administration of the drugs. The interferon induced by vasodilating drugs belongs to interferon of the 1st species. It is assumed that both endothelial cells of vessel walls and lymphocytes may take part in interferon production.

Kardiologiia 1981 Mar;21(3):38-41

[Hemodynamic effects of hypotensive agents under adrenergic block in hypertension].

[Article in Russian]

Shchepotin BM, Kazak LI, Guseva NP, Prisiazhniuk MS

Examination of 94 patients with stage II hypertensive disease and 20 rabbits with hypertension showed that in the hypokinetic type of hemodynamics separate medication with dibazol, papaverin hydrochloride and reserpine caused a reduction of arterial pressure in all cases due to a decrease in total peripheral resistance. In combination with phentolamine dibazol and papaverin hydrochloride caused no further decrease of arterial pressure whereas the hypotensive effect of reserpine in this case was intensified along the type of summation of hypotensive effects due to more significant decrease in total peripheral resistance. During beta-adrenostructure blocking in patients with hyperkinetic type of hemodynamics, arterial pressure dropped due to a decrease of the cardiac output. Medication with dibazol, papaverin hydrochloride and reserpine during beta-adrenergic block led to more marked drop in arterial pressure because these agents prevented an increase of total peripheral resistance encountered when only beta-adrenergic blocking agents are given.

Zh Nevropatol Psikhiatr 1977;77(1):56-8

[Effect of dibazol on cerebral blood supply and EEG in experimental intracerebral hemorrhage].

[Article in Russian]

Saratikov AS, Plotnikov MB, Plotnikova TM

A hemorrhage into the right internal capsule in vigilant cats is accompanied by a drop of focal cerebral blood flow in the
sensomotor cortex, in the thalamus and reticular formation of the middle brain of both hemispheres, an appearance of
slow-wave high amplitude in the EEG activity and in some cases of convulsive discharges. Such changes of the blood flow and
bioelectrical activity are preserved in survived cats after 24 hours following hemorrhage. An intracarotid singular injection
(Img/kg) and especially a 30 minute infusion of 0.5% solution of dibasol brings about in most of the cases an increase of the
blood flow in the studied brain structures, and is accompanied by a partial normalization of bioelectrical activity.

Dokl Akad Nauk SSSR 1966 Oct 1;170(4):978-81

[Stimulation of heart muscle regeneration by dibasol, myocardium hydrolysate and vitamin B 12].

[Article in Russian]
Polezhaev LV, Kolchin SP, Akhabadze LV, Solntseva GN

Klin Khir 1988;(4):27-8

[Pharmacological effect, on arterial hypoxemia, of intrapulmonary shunting in the early period of traumatic shock].

[Article in Russian]

Shulika VI, Gurko BV, Bulaga VV, Goloborod'ko NK, Red'kin VG

Farm Zh 1977 Sep-Oct;(5):88-90

[Study of the conditions for extracting No-Spa, galidor, stugeron, dibasol and spasmolytin from drug mixtures].

[Article in Ukrainian]

Ushbaev KU

Farmakol Toksikol 1975 May-Jun;38(3):324-7

[Effect of dibazol, euphylline, No-Spa and galidor on thrombocyte osmotic resistance and blood clot retraction].

[Article in Russian]

Kremeva VF, Zagorskaia IB

The osmotic resistance of thrombocytes and the blood clot retraction are shown to diminish in the presence of nospanum and
holidor in the plasma and blood. A double logarithmic relationship between the values characterizing the action on the osmotic

resistance of thrombocytes and the blood clot refraction, on the one hand, and concentrations of some of the study substances,
on the other, was revealed. With parenteral introduction the fall of the osmotic resistance of thrombocytes and an increase in
the amount of the retracted serum were noted to occur with a protracted subcutaneous injection of dibasol (5 mg/kg), whereas
euphylline (24 mg/kg) caused only a smaller degree of retraction.

Pediatriia 1985 Mar;(3):43-6

[Central and regional circulation in children with primary arterial hypertension during treatment with dibazol].

[Article in Russian]

Kupriianova OO, Dvoriakovskaia GM, Briazgunov IP, Ibraeva GK

Stomatologiia (Mosk) 1982 Jan-Feb;61(1):15-7

[Clinical and experimental bases for using dibasol in inflammatory diseases of the maxillofacial area].

[Article in Russian]

Alekhova TM

Fiziol Zh 1981 Sep-Oct;27(5):707-9

[Hemodynamic effects of dibasol and papaverine in the presence of adrenergic blockade and chronic experimental hypertension].

[Article in Russian]

Kazak I.I. V95 : 181074g