New produis from the decomposition of 2-Hydroxy-1,4benzoxazin-3-one (HBOA) a natural lactam from cereals and the 7-nitroderivative (HNBOA) Bravo, Hector R.

The products 3-hydroxy-1,4-benzoxazin-2-one (5) and 5-nitro-2-aminophenol were isolated from the decomposition reaction of the title compounds in aqueous solutions. Two mechanisms are proposed for the formation of these products.