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The invention relates to the heterocyclic substance, in particular to the establishment of isoxasol derivative with formula 1:

$$A\text{-}O(CH_2)_7\text{-}C{=}CH\text{-}C(CH_3){=}N\text{-}O$$

where A represent the II or III group formula

$$-C{=}CH\text{-}CH\text{-}CK\text{-}S \quad (II);$$
$$-C{=}CH\text{-}S\text{-}CHK\text{-}CH_2 \quad (III)$$

when K represent $-C{=}N\text{-}(CH_2)_2\text{-}O$, which possessed antivirous activity, that could be used in medicine.

The purpose of the invention consists in the more active creation of substances mentioned class. Synthesis carried on the combination formula IV or V:

$$HO\text{-}(CH_2)_2\text{-}NH\text{-}C(O)\text{-}X_1\text{-}O\text{-}(CH_2)_7\text{-}C{=}CH\text{-}C(CH_3){=}N\text{-}O \quad (IV);$$

$$HO\text{-}(CH_2)_2\text{-}NH\text{-}C(O)\text{-}X_2\text{-}O\text{-}(CH_2)_7\text{-}C{=}CH\text{-}C(CH_3){=}N\text{-}O \quad (V),$$

where X is

with assistance of the dehydration and tynol miriate agent in the inert solvent medium. New compounds with antivirus activity have more efficient properties in comparison with known lipophyle properties which allow to beat the Blut-Hirnschranke.