AMIDOXEN (PYROXICAM), A HIGH-EFFECTIVE NON-STEROID ANTI-INFLAMMATORY, ANTIPYRETIC AND ANALGESIC MEDICINE

Description
A new method and a new technology for AMIDOXEN preparation and production have been developed.

AMIDOXEN (Pyroxicam) is a high-effective non-steroid anti-inflammatory, antipyretic and analgesic product that belongs to oxycam group. AMIDOXEN is designed for the treatment of locomotor system diseases including rheumatoid arthritis, osteoarthritis, ankylosing spondylitis, Bekhterev's disease, acute gout, soft tissue diseases such as bursitis, periarthropathy, non-rheumatoid inflammatory diseases, respiratory tract diseases, disease states after operations, traumas and dental interventions.

Technical appraisal and economic benefits
AMIDOXEN is 7-60 times more active than its analogs such as indometacin, voltaren (sodium diclofenac), and iburofen. It is efficient in small dosage (daily doses of AMIDOXEN and voltaren are 20 and 150 mg, respectively), shows prolonged action and reasonable tolerance.

The new method and technology enable a two-fold reduction of the number of production stages from four to two and two-fold increase of the product yield.

Application areas
Medicine

Development stage
A pilot batch of AMIDOXEN drug-substance was produced by the Usolie-Sibirskoye Chemical and Pharmaceutical Plant. AMIDOXEN produced following the new technology is comparable with the best standards of the PYROXICAM drug produced by KRKA and FELDENE by PFIZER. Temporary Pharmacopoeia Article was developed for AMIDOXEN; pre-clinical tests of the drug forms (capsules and tablets) were finished. New drug forms such as microcapsules, ointment, gel, retard-tablets and suppositories are under development.

Patent situation
USSR Author's Certificate (1990).

Commercial offers
Investment contract for the product commercialization.
Joint venture.

Estimated cost
To be negotiated.

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