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(57) Abstract :

The invention relates to a transdermal patch for the controlled delivery of 4-Aminophenyl sulfone or its pharmaceutically acceptable salts for the treatment of Parkinson's disease. The patch comprises a base layer, an active drug layer embedded in a non-irritating adhesive layer, and a detachable protective layer. The adhesive layer ensures secure skin adherence while allowing painless removal without residue. The detachable layer protects the drug formulation during storage and is compatible with the adhesive. This transdermal patch provides sustained drug release, bypasses first-pass metabolism, minimizes side effects, and improves patient compliance for effective management of Parkinson's disease. Reference Fig 1

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