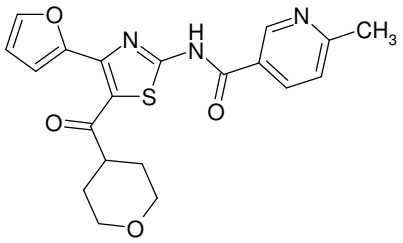
morning and evening functioning compared to stimulants. The invention thus provides a safe and effective novel ADHD medication.

Summary of the invention

The present invention relates to compound 504 as presented by the below formula



[Compound 504]

and pharmaceutical acceptable salts thereof for use as a medicament at dosage of 2-3 mg, such as a once daily dosage of 2-3 mg.

In one aspect the invention relates to the use of compound 504 in the manufacture of a medicament for treating PD or ADHD.

Furthermore disclosed herein is a method of treatment of patients with ADHD and PD using compound 504 in a dosage of 2-3 mg, such as a 2 or 3 mg daily dosage.

Brief description of drawings

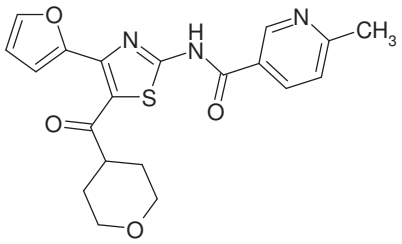
Figure 1: Pharmacokinetic and Pharmacodynamic Results

Receptor occupancy in the rat putamen versus the compound 504 plasma concentration at the time of the brain slice autoradiography scan estimated using the E_{max} method. X-axis show the receptor occupancy (%)

Figure 2: Predicted therapeutically effective EC_{50-80} of compound 504 plasma concentration range in PD patients based on rat A_{2A} occupancy and MPTP-treated marmoset disability reversal scores. X-axis shows plasma concentration (ng/ml), Y-axis (left) shoes A2A % RO (Receptor Occupancy), Y-axis (right) shows disability reversal.

Claims

1. A compound of formula

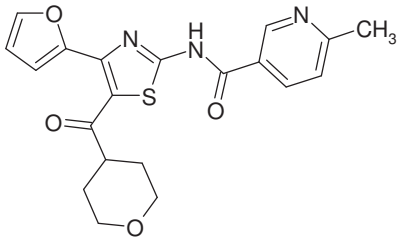


[Compound 504]

or a pharmaceutical salt thereof

for use as a medicament at a dosage between 2 and 3 mg.

2. The compound according to claim 1, wherein the use is a one daily dosage.
3. The compound according to claim 1 or 2, wherein the use is at 2 mg or 3 mg.
4. The compound according to claims 1-3, wherein the use is for treating Parkinson's Disease.
5. The compound according to claims 1-3, wherein the use is for treating ADHD.
6. Use of a compound of formula



[Compound 504]

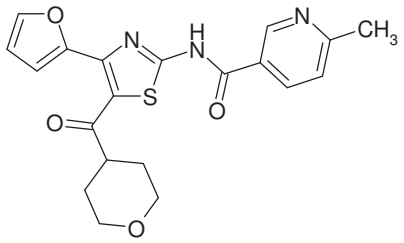
or a pharmaceutical salt thereof in the manufacture of a medicament for treating ADHD.

7. The use of claim 6, wherein said compound is used at a dosage of between 2 and 3 mg.

8. The use of claim 7, wherein said compound is used at a dosage of 2 mg or 3 mg.

9. The use of claim 7 or 8, wherein said compound is used at one daily dosage.

10. Use of a tablet or a pharmaceutical composition comprising a compound of formula



[Compound 504]

or a pharmaceutical salt thereof in the manufacture of a medicament for treating disease Parkinson's Disease or ADHD wherein between 2 and 3 mg of compound 504 is to be administered to a subject in need thereof.

11. The use according to claim 10, wherein the compound is to be administered at a dosage of 2 mg or 3 mg.

12. The use according to claim 10-11, wherein the compound is to be administered once daily.

13. A use according to claim 10, wherein the tablet or pharmaceutical composition comprises further excipients or diluents.