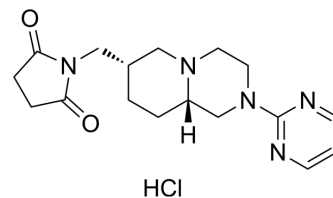


## Sunepitron hydrochloride

Cat. No.:	HY-118842
CAS No.:	148408-65-5
Molecular Formula:	C <sub>17</sub> H <sub>24</sub> ClN <sub>5</sub> O <sub>2</sub>
Molecular Weight:	365.86
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Sunepitron (CP-93,393) hydrochloride is a potent anxiolytic/antidepressant agent <sup>[1]</sup> .								
<b>In Vivo</b>	<p>Sunepitron hydrochloride (5 mg/kg, oral administration, single dose) shows acceptable pharmacokinetic profile<sup>[1]</sup>. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1"> <tr> <td>Animal Model:</td> <td>Cynomolgus monkeys<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>5 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Oral administration, single dose (Pharmacokinetic Analysis)</td> </tr> <tr> <td>Result:</td> <td>Mean C<sub>max</sub> and AUC<sub>(0-∞)</sub> values for the CP-93,393 were 143.2 ng/ml and 497.7 ng·hr/ml, respectively, in the male monkeys and 17.2 ng/ml and 13.7 ng·hr/ml, respectively, in the female monkeys.</td> </tr> </table>	Animal Model:	Cynomolgus monkeys <sup>[1]</sup>	Dosage:	5 mg/kg	Administration:	Oral administration, single dose (Pharmacokinetic Analysis)	Result:	Mean C <sub>max</sub> and AUC <sub>(0-∞)</sub> values for the CP-93,393 were 143.2 ng/ml and 497.7 ng·hr/ml, respectively, in the male monkeys and 17.2 ng/ml and 13.7 ng·hr/ml, respectively, in the female monkeys.
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### REFERENCES

[1]. Prakash C, et al. Metabolism and excretion of a new antianxiety drug candidate, CP-93,393, in cynomolgus monkeys: identification of the novel pyrimidine ring cleaved metabolites. *Drug Metab Dispos.* 1997 Dec;25(12):1395-406.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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