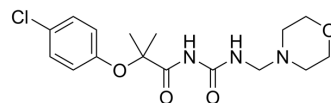


## Plafibrade

Cat. No.:	HY-106580
CAS No.:	63394-05-8
Molecular Formula:	C <sub>16</sub> H <sub>22</sub> ClN <sub>3</sub> O <sub>4</sub>
Molecular Weight:	355.82
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Plafibrade (ITA 104) is an orally active hypolipemic, platelet aggregation inhibitor <sup>[1][2]</sup> .								
<b>In Vivo</b>	<p>Plafibrade (100 mg/kg, p.o.) shows marked platelet anti-aggregant activity<sup>[1]</sup>.</p> <p>Plafibrade has low toxicity, with LD<sub>50</sub>s of about 4000 mg/kg (p.o.) in rat, mouse and hamster<sup>[2]</sup>.</p> <p>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>Rabbit<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>100 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Oral administration (p.o.)</td> </tr> <tr> <td>Result:</td> <td>Induced platelet aggregation.</td> </tr> </table>	Animal Model:	Rabbit <sup>[1]</sup>	Dosage:	100 mg/kg	Administration:	Oral administration (p.o.)	Result:	Induced platelet aggregation.
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Dosage:	100 mg/kg								
Administration:	Oral administration (p.o.)								
Result:	Induced platelet aggregation.								

### REFERENCES

- [1]. L Bruseghini, et al. Platelet antiaggregant activity of plafibrade ex vivo in rat, dog and rabbit. *Arzneimittelforschung*. 1981;31(10a):1790-5.
- [2]. J Zapatero, et al. Toxicological studies of plafibrade. Part 1: Acute toxicity and its determination after several administrations of plafibrade. *Arzneimittelforschung*. 1981;31(10a):1816-9.

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

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