



# SZABO SCANDIC

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Zellkultur & Verbrauchsmaterial



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Laborgeräte & Service

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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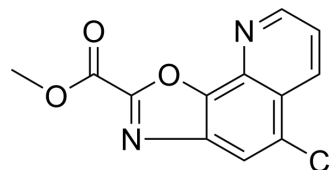
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## Quazolast

Cat. No.:	HY-106083
CAS No.:	86048-40-0
Molecular Formula:	C <sub>12</sub> H <sub>7</sub> ClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	262.65
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Quazolast (RHC 3988) is a orally active mast cell stabilizer. Quazolast also is a potent mediator release inhibitor. Quazolast reduces the gastric damage. Quazolast has the potential for the research of gastric ulcers <sup>[1][2]</sup> .								
<b>In Vivo</b>	<p>Quazolast (0.2, 1, 5 mg/kg; p.o.) reduces the gastric damage in rats induced by absolute ethanol (0.9 mg/kg)<sup>[1]</sup>. Quazolast (3.1, 6.3, 12.5, 25 mg/kg; p.o.) reduces the gastric damage associated with 0.6 N HCl administration<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>150 g Male Sprague Dawley rat<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>0.2, 1, 5 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>P.o.</td> </tr> <tr> <td>Result:</td> <td>Decreased the rat gastric mucosa damage in a dose dependent manner and reduced the gastric ulcer index (68%) at 5 mg/kg in rat induced by absolute ethanol (0.9 mg/kg).</td> </tr> </table>	Animal Model:	150 g Male Sprague Dawley rat <sup>[1]</sup>	Dosage:	0.2, 1, 5 mg/kg	Administration:	P.o.	Result:	Decreased the rat gastric mucosa damage in a dose dependent manner and reduced the gastric ulcer index (68%) at 5 mg/kg in rat induced by absolute ethanol (0.9 mg/kg).
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### REFERENCES

- [1]. Fitzpatrick LR, et al. Gastroprotective and ulcer healing profile of the mast cell stabilizer quazolast in rats. Agents Actions. 1991 Jul;33(3-4):330-6.
- [2]. Dave NK, et al. A controlled, double-blind study of the effect of quazolast on nasal challenge with ragweed antigen. Ann Allergy. 1990 Oct;65(4):298-302.

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

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