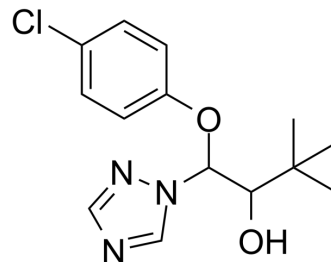


## Triadimenol

<b>Cat. No.:</b>	HY-B0851
<b>CAS No.:</b>	55219-65-3
<b>Molecular Formula:</b>	C <sub>14</sub> H <sub>18</sub> ClN <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight:</b>	295.76
<b>Target:</b>	Fungal
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Triadimenol is a triazole fungicide and has been widely used in agriculture. Triadimenol has certain toxicity to animals <sup>[1]</sup> .								
<b>In Vivo</b>	<p>Triadimenol (6.25-125 μM; cultured for 48 h in rat serum) influences cranial nerve and ganglia in rat embryos<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>9.5 day-old Rat embryos<sup>[1]</sup></td> </tr> <tr> <td>Dosage:</td> <td>6.25-125 μM</td> </tr> <tr> <td>Administration:</td> <td>Cultured for 48 h in rat serum</td> </tr> <tr> <td>Result:</td> <td>Showed specific cranial nerve and ganglia abnormalities.</td> </tr> </table>	Animal Model:	9.5 day-old Rat embryos <sup>[1]</sup>	Dosage:	6.25-125 μM	Administration:	Cultured for 48 h in rat serum	Result:	Showed specific cranial nerve and ganglia abnormalities.
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### REFERENCES

[1]. Menegola E, et al. In vitro teratogenic potential of two antifungal triazoles: triadimefon and triadimenol. *In Vitro Cell Dev Biol Anim.* 2000 Feb;36(2):88-95.

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

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