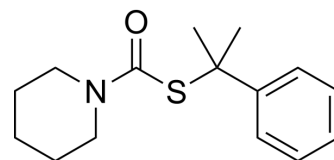


## Dimepiperate

Cat. No.:	HY-116793
CAS No.:	61432-55-1
Molecular Formula:	C <sub>15</sub> H <sub>21</sub> NOS
Molecular Weight:	263.4
Target:	MAGL
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Dimepiperate (MY 93) is a thiocarbamate (TC) pesticide. Dimepiperate has potential off-targets effect for the inhibition of ABHD6 <sup>[1]</sup> .								
<b>In Vivo</b>	<p>Dimepiperate (i.p.; 100 mg/kg) shows potential off-targets effect for the inhibition of ABHD6 in mouse brains<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>C57BL/6 mice<sup>[1]</sup>.</td> </tr> <tr> <td>Dosage:</td> <td>100 mg/kg</td> </tr> <tr> <td>Administration:</td> <td>Injected intraperitoneally</td> </tr> <tr> <td>Result:</td> <td>Had 33% off-targets inhibited for ABHD6.</td> </tr> </table>	Animal Model:	C57BL/6 mice <sup>[1]</sup> .	Dosage:	100 mg/kg	Administration:	Injected intraperitoneally	Result:	Had 33% off-targets inhibited for ABHD6.
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### REFERENCES

[1]. Nomura DK, et al. Activity-based protein profiling of organophosphorus and thiocarbamate pesticides reveals multiple serine hydrolase targets in mouse brain. J Agric Food Chem. 2011;59(7):2808-2815.

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

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