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Zuschläge

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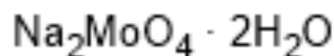
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Sodium molybdate dihydrate, for cell culture, 99.5%

Cat. No.:	HY-W076083
CAS No.:	10102-40-6
Molecular Formula:	Na ₂ MoO ₄ ·2H ₂ O
Molecular Weight:	241.94
Target:	Others
Pathway:	Others
Storage:	Store at room temperature, keep dry and cool



BIOLOGICAL ACTIVITY

Description	Sodium molybdate dihydrate, for cell culture, 99.5% is an orally active soluble molybdenum (VI) compound that can be used as a source of the molybdate ion [MoO ₄] ²⁻ [1].								
In Vivo	<p>Sodium molybdate dihydrate, for cell culture, 99.5% (0, 100, 338, 675, 1350 ppm; diet) shows significantly toxic for gestation rats^[1].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Animal Model:</td> <td>Sprague Dawley rats^[1]</td> </tr> <tr> <td>Dosage:</td> <td>0, 100, 338, 675, 1350 ppm</td> </tr> <tr> <td>Administration:</td> <td>Diet; daily on days 6-20 of gestation</td> </tr> <tr> <td>Result:</td> <td>Showed no adverse effects were observed at any dose level on the dams, or on embryofetal survival, fetal bodyweight, or development, with no increase in malformations or variations.</td> </tr> </table>	Animal Model:	Sprague Dawley rats ^[1]	Dosage:	0, 100, 338, 675, 1350 ppm	Administration:	Diet; daily on days 6-20 of gestation	Result:	Showed no adverse effects were observed at any dose level on the dams, or on embryofetal survival, fetal bodyweight, or development, with no increase in malformations or variations.
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REFERENCES

[1]. Jay Murray F, et al. Developmental toxicity study of sodium molybdate dihydrate administered in the diet to Sprague Dawley rats. *Reprod Toxicol.* 2014 Nov;49:202-8.

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

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