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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Goji Extract

Cat. No.:	HY-159062
Target:	Biochemical Assay Reagents; NO Synthase
Pathway:	Others; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Goji Extract

BIOLOGICAL ACTIVITY

Description	Goji Extract is a natural product with anti-aging, antioxidant, and neuroprotective effects. The antioxidant effect of Goji Extract has a positive impact on erectile dysfunction and can be used in research to improve erectile function ^{[1][2]} .								
In Vivo	<p>Goji Extract (150-300 mg/kg; Oral gavage; once daily for 6 weeks) can improve sexual function in aged rat models by increasing the levels of eNOS, nNOS and testosterone^[2].</p> <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <table><tr><td>Animal Model:</td><td>Old-aged Sprague-Dawley rat model^[2].</td></tr><tr><td>Dosage:</td><td>150 mg/kg; 300 mg/kg</td></tr><tr><td>Administration:</td><td>Oral gavage (i.g.), Once daily for 6 weeks.</td></tr><tr><td>Result:</td><td>Reduced the expression of 8-OHdG, increased serum testosterone levels, and increased the expression of eNOS, nNOS, and cGMP. Improved oxidative stress markers and reduced body fibrosis.</td></tr></table>	Animal Model:	Old-aged Sprague-Dawley rat model ^[2] .	Dosage:	150 mg/kg; 300 mg/kg	Administration:	Oral gavage (i.g.), Once daily for 6 weeks.	Result:	Reduced the expression of 8-OHdG, increased serum testosterone levels, and increased the expression of eNOS, nNOS, and cGMP. Improved oxidative stress markers and reduced body fibrosis.
Animal Model:	Old-aged Sprague-Dawley rat model ^[2] .								
Dosage:	150 mg/kg; 300 mg/kg								
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Result:	Reduced the expression of 8-OHdG, increased serum testosterone levels, and increased the expression of eNOS, nNOS, and cGMP. Improved oxidative stress markers and reduced body fibrosis.								

REFERENCES

[1]. Ruíz-Salinas AK, et al. The treatment of Goji berry (*Lycium barbarum*) improves the neuroplasticity of the prefrontal cortex and hippocampus in aged rats. *J Nutr Biochem.* 2020 Sep;83:108416.

[2]. Moon HW, et al. Administration of Goji (*Lycium chinense* Mill.) Extracts Improves Erectile Function in Old Aged Rat Model. *World J Mens Health.* 2017 Apr;35(1):43-50.

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

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