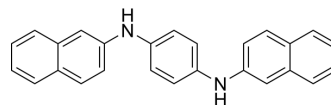


## Diafen NN

<b>Cat. No.:</b>	HY-W040276
<b>CAS No.:</b>	93-46-9
<b>Molecular Formula:</b>	C <sub>26</sub> H <sub>20</sub> N <sub>2</sub>
<b>Molecular Weight:</b>	360.45
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Diafen NN is an antioxidant. Diafen NN induces leukoses and local sarcomas in mice <sup>[1][2]</sup> .
<b>In Vivo</b>	Diafen NN (40 mg/mouse; sc; once weekly throughout life) induces leukoses and local sarcomas in mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Pylev LN, et al. Carcinogenicity of diafen NN. Voprosy Onkologii (1977), 23(12), 75-7.

[2]. Mukhutdinov E A, et al. Quantum-Chemical Modelling and Prediction of the Structure and Functional Activity of Free Radicals and Biradicals of N-Phenyl-N'-Isopropyl-P-Phenylenediamine and N, N'-Diphenyl-P-Phenylenediamine[J]. International Polymer Science and Technology, 2009, 36(7): 13-17.

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

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