



**Synthesis and Antioxidant Activity of 1-(1,2,3,4-Tetrazol-2-yl-Diazenyl)  
-4-(Substituted Benzylideneamino)**

**Mustafa K. Shneshil, Tareq K. Ibraheem and Mustafa Y. Jamal\***

\*Chemistry Department, College of Education for pure Science, Diyala University, **IRAQ**

Email: [Mustafa\\_jamal20@yahoo.com](mailto:Mustafa_jamal20@yahoo.com)

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**ABSTRACT**

*A series of Schiff's bases fused with tetrazole ring having the name 1-(1,2,3,4-tetrazol-2-yl-diazenyl)-4-(substituted benzylideneamino) benzene were prepared through the reaction of 2-amino tetrazole hydrochloric acid and sodium nitrite and the product was reacted with aniline, then the final product was reacted with benzaldehyde and substituted benzaldehydes. The compounds 3(a-k) were identified using the analytical and spectral means, the antioxidant properties were measured to the prepared compounds using the metal ions ( $Fe^{+3}$ ,  $Cu^{+2}$ ), using the ferrozine and 2,9-dimethyl-1,10-phenanthroline (neocuproine).*

**Keywords:** Schiff's bases, tetrazole ring, 1-(1,2,3,4-tetrazol-2-yl-diazenyl)-4-(substituted benzylidene amino) benzene.

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