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Studies on 2-Ethyl-3-carbomethoxy-4-aryl-5-oxo-1,4,5,6,7,8-hexahydroquinoline Derivatives and Calcium Modulatory Activities

Cihat ŞAFAK<sup>1</sup>, Elvan DOĞAN<sup>1</sup>, Kevser EROL<sup>2</sup>

<sup>1</sup>Hacettepe University, Faculty of Pharmacy, Department of Pharmaceutical Chemistry, Ankara-TURKEY

<sup>2</sup>Osman Gazi University, Faculty of Medicine, Department of Pharmacology, Eskişehir-TURKEY

 [Keywords](#)  
 [Authors](#)

**Abstract:** Twelve new compounds having a 2-ethyl-3-carbomethoxy-4-aryl-5-oxo-1,4,5,6,7,8-hexahydroquinoline structure were synthesized, characterized and screened for their calcium modulatory activities. The calcium antagonistic activities of the compounds were investigated by tests performed on isolated rat ileum and lamb carotid artery. Compounds 1, 4, 8 and 9 showed considerable activity.

**Key Words:** Dihydropyridine, hexahydroquinoline, antihypertensive activity, calcium antagonist



[chem@tubitak.gov.tr](mailto:chem@tubitak.gov.tr)

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