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Synthesis and structure-activity relationship study of novel 3-heteroarylcoumarins based on pyridazine scaffold as selective MAO-B inhibitors

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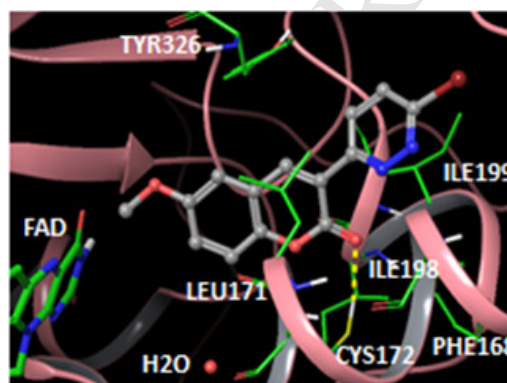
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Graphical abstract**Synthesis and structure-activity relationship study of novel 3-heteroarylcoumarins based on pyridazine scaffold as selective MAO-B inhibitors**

María Carmen Costas-Lago, Pedro Besada, Fernanda Rodríguez-Enríquez, Dolores Viña, Santiago Vilar, Eugenio Uriarte, Fernanda Borges, Carmen Terán*

Novel pyridazine-coumarin hybrids were described as potent, selective and reversible MAOI-B, being analogues **9b** and **9d**, both substituted with a bromine atom in the pyridazinyl fragment the most promising compounds.



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