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Title (English) hERG modelling using 3D-pharmacophores	
Title (Swedish)	
Abstract Eleven pharmacophores for the cardiac K ⁺ channel hERG were developed using the modelling software Catalyst and evaluated with multivariate analysis. The pharmacophores will be used as visual feedback in drug design and as descriptors in predictive modelling. A pharmacophore-based automatic sorting scheme for hERG-compounds was generated and new approaches for classification modelling were explored.	
Keywords hERG, pharmacophores, exclusion volumes, structure-activity relationships, PLS-DA, descriptors	
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