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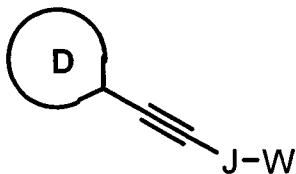
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(54) Title: A PROCESS FOR THE PALLADIUM-CATALYZED COUPLING OF TERMINAL ALKYNES WITH HETEROARYL TOSYLATES AND HETEROARYL BENZENESULFONATES



(57) Abstract: The present invention relates to a process for the regioselective synthesis of compounds of the formula (I), (I) wherein D, J and W have the meanings indicated in the claims. The present invention provides an efficient and general palladium-catalyzed coupling process of heteroaryl tosylates with terminal alkynes to a wide variety of substituted, multifunctional heteroaryl-1 -alkynes of

the formula I useful for the production of pharmaceuticals, diagnostic agents, liquid crystals, polymers, herbicides, fungicides, nematocidals, parasiticides, insecticides, acaricides and arthropodocides.

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