

**SYNTHESIS OF 1-*p*-SULFAMYLPHENYL-3-
TRIFLUOROMETHYLPYRAZOLES
CLASS OF CYCLOOXYGENASE-2 INHIBITORS**

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Abstract: Condensation of *p*-sulfamylphenylhydrazine with diketones **1** afforded pyrazoles **2**. Reaction of **2** with isocyanate and isothiocyanate derivatives gave the corresponding ureas **3** and thioureas **4** respectively. Cyclization of the thioureido group of compounds **4** by treating with ethyl bromoacetate, ethyl β -bromopropionate and α -bromoacetophenone afforded the corresponding thiazolidinone, thiazinone and thiazoline derivatives **5**, **6** and **7** respectively.