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Title: A facile and efficient multicomponent approach to 5-[5-hydroxy- 3-(trifluoromethyl)-1*H*-pyrazol-4-yl]-5*H*-chromeno[2,3-*b*]pyridines

Authors: Michail N. Elinson, Anatoly N. Vereshchagin, Yuliya E. Anisina, Artem N. Fakhrutdinov, Alexander S. Goloveshkin, Mikhail P. Egorov



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A facile and efficient multicomponent approach to 5-[5-hydroxy-3-(trifluoromethyl)-1*H*-pyrazol-4-yl]-5*H*-chromeno[2,3-*b*]pyridines

Michail N. Elinson^{a,*}, Anatoly N. Vereshchagin^a, Yuliya E. Anisina^a,
Artem N. Fakhrutdinov^a, Alexander S. Goloveshkin^b, Mikhail P. Egorov^a,

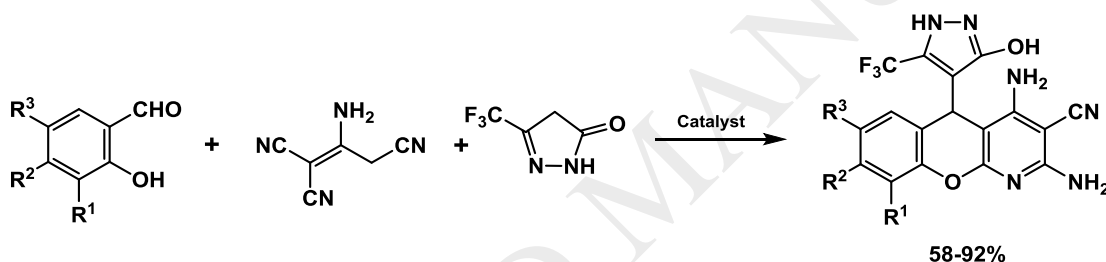
^a *N. D. Zelinsky Institute of Organic Chemistry, Leninsky prospect 47, 119991 Moscow, Russian Federation*

^b *A. N. Nesmeyanov Institute of Organoelement Compounds, Vavilova 28, 119991, Moscow, Russian Federation.*

Corresponding author.

Tel. +7-499-137-38-42; Fax +7-499-135-53-28; e-mail address: elinson@ioc.ac.ru

Graphical abstract



Highlights

- The new type of 3-trifluoromethyl-2-pyrazolin-5-one multicomponent transformation catalysed by pyridine or trimethylamine was found
- The new substituted 5-[5-hydroxy-3-(trifluoromethyl)-1*H*-pyrazol-4-yl]chromeno[2,3-*b*]pyridines were obtained
- This new multicomponent procedure utilizes simple equipment and it is easily carried out
- The trifluoromethyl group containing chromeno[2,3-*b*]pyridines are promising compounds for different biomedical applications

Abstract: The new multicomponent reaction has been found: the pyridine or triethylamine catalyzed multicomponent transformation of salicylaldehydes, 2-aminoprop-1-ene-1,1,3-

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