

Accepted Manuscript

Efficient synthesis of novel functionalized pyrazolo-pyranoquinoline and tetrahydrodibenzo-[1,8]naphthyridinone derivatives

Morteza Shiri, Masumeh Heydari, Vahideh Zadsirjan



PII: S0040-4020(17)30209-0

DOI: [10.1016/j.tet.2017.02.064](https://doi.org/10.1016/j.tet.2017.02.064)

Reference: TET 28505

To appear in: *Tetrahedron*

Received Date: 15 November 2016

Revised Date: 13 February 2017

Accepted Date: 27 February 2017

Please cite this article as: Shiri M, Heydari M, Zadsirjan V, Efficient synthesis of novel functionalized pyrazolo-pyranoquinoline and tetrahydrodibenzo-[1,8]naphthyridinone derivatives, *Tetrahedron* (2017), doi: 10.1016/j.tet.2017.02.064.

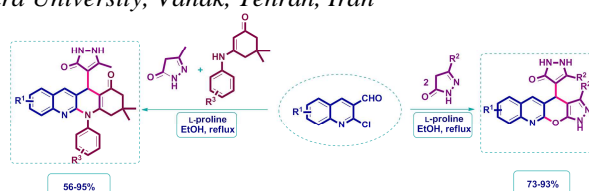
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Efficient synthesis of novel functionalized
pyrazolo-pyranoquinoline and tetrahydrodibenzo-
[1,8]naphthyridinone derivatives**

Morteza Shiri,* Masumeh Heydari, Vahideh Zadsirjan

Department of Chemistry, Alzahra University, Vanak, Tehran, Iran

Leave this area blank for abstract info.



Download English Version:

<https://daneshyari.com/en/article/5212152>

Download Persian Version:

<https://daneshyari.com/article/5212152>

[Daneshyari.com](https://daneshyari.com)