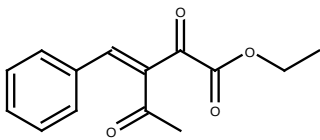
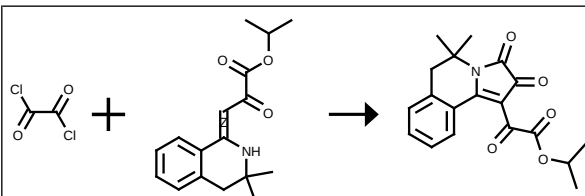
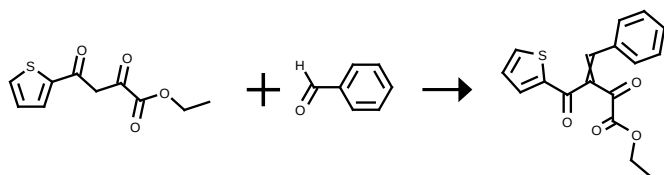


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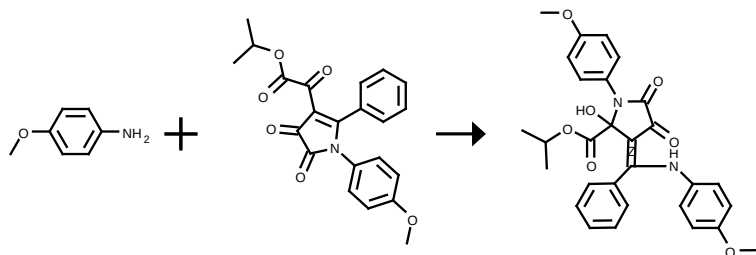
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1. Query	 Search as: Any role, Substructure: on all atoms, No salts, No mixtures	48 reactions	2011-05-12 00h:58m:03s (EST)


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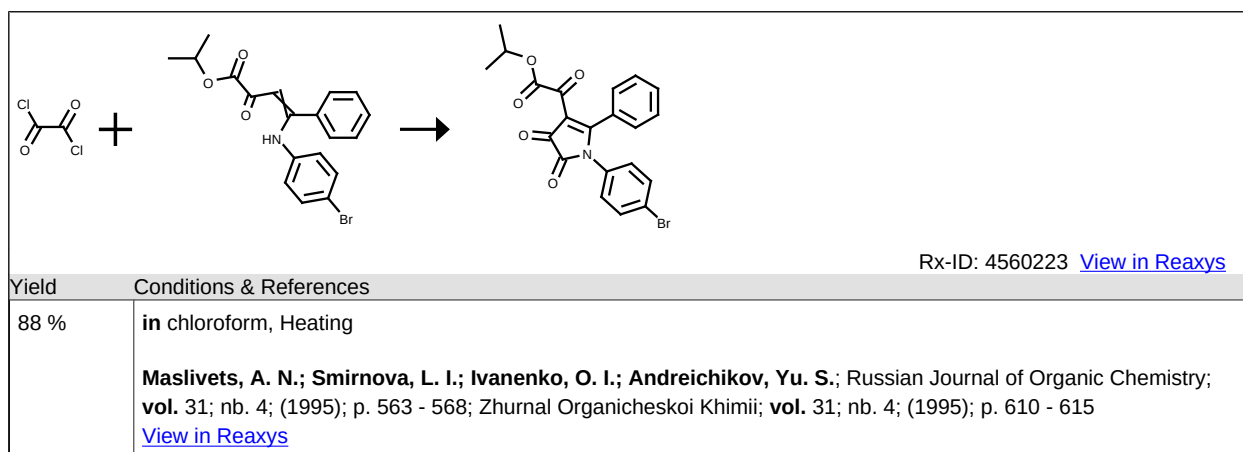
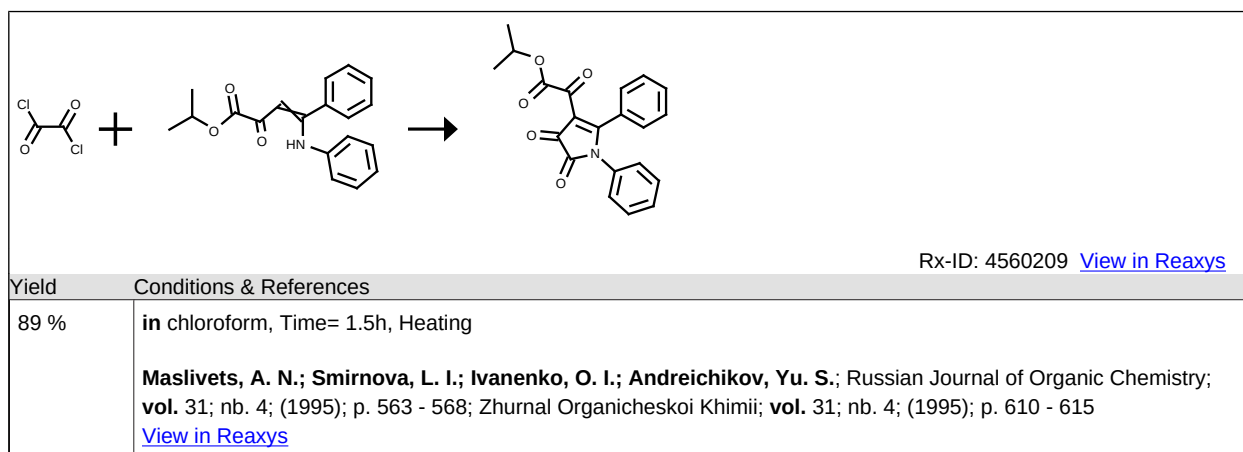
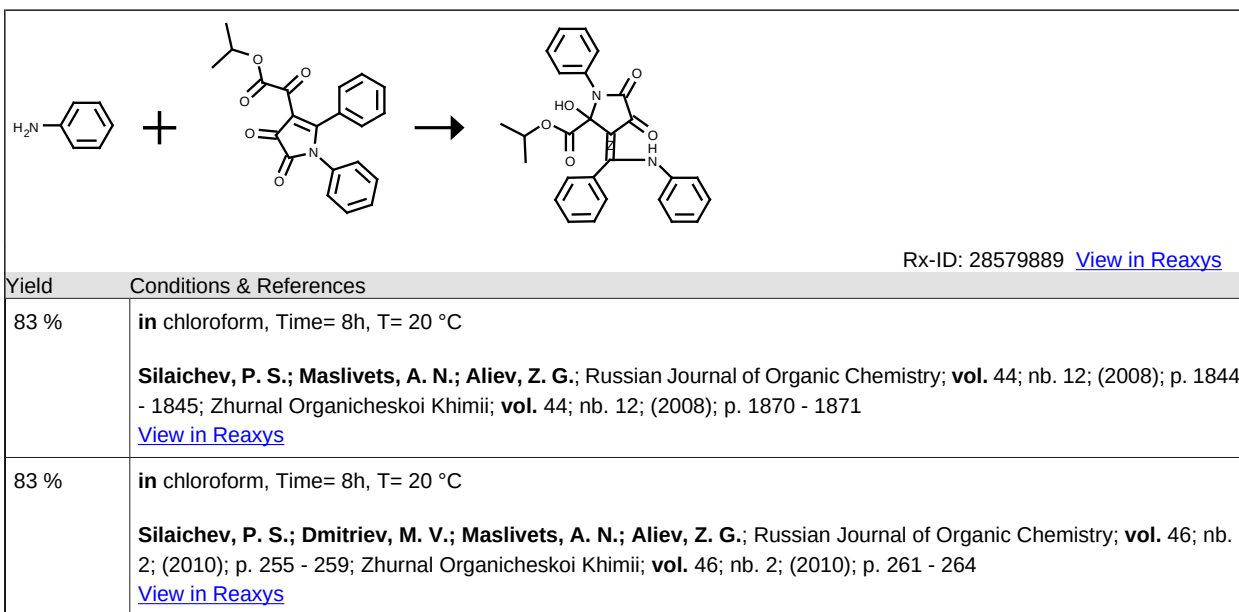
Yield	Conditions & References
75 %	With triethylamine in diethyl ether, T= 20 °C Mikhailovskii, A. G.; Chemistry of Heterocyclic Compounds (New York, NY, United States); vol. 32; nb. 5; (1996); p. 590 - 595; Khimiya Geterotsiklicheskikh Soedinenii; vol. 32; nb. 5; (1996); p. 685 - 692 View in Reaxys

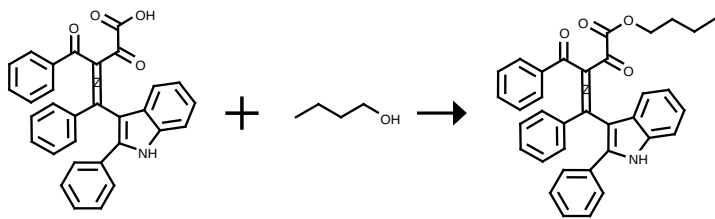

 Rx-ID: 1868012 [View in Reaxys](#)

Yield	Conditions & References
60 %	With sodium methylate in methanol, Time= 4h, Heating Saleh, R M; Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry; vol. 30; nb. 3; (1991); p. 313 - 319 View in Reaxys

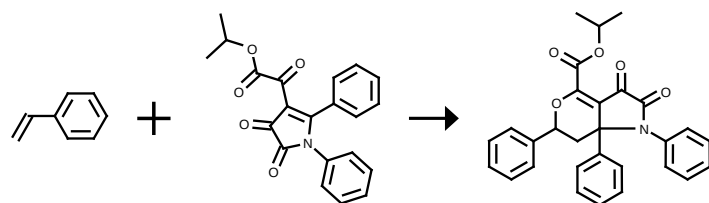

 Rx-ID: 28579888 [View in Reaxys](#)

Yield	Conditions & References
79 %	in chloroform, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; vol. 44; nb. 12; (2008); p. 1844 - 1845; Zhurnal Organicheskoi Khimii; vol. 44; nb. 12; (2008); p. 1870 - 1871 View in Reaxys
79 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys

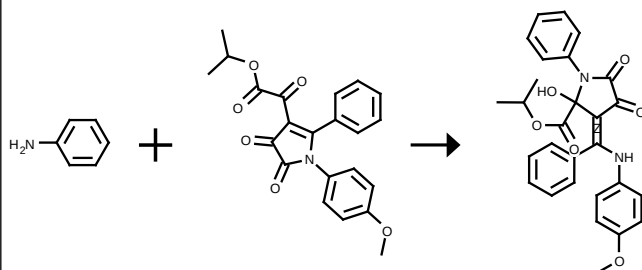



 Rx-ID: 26010380 [View in Reaxys](#)

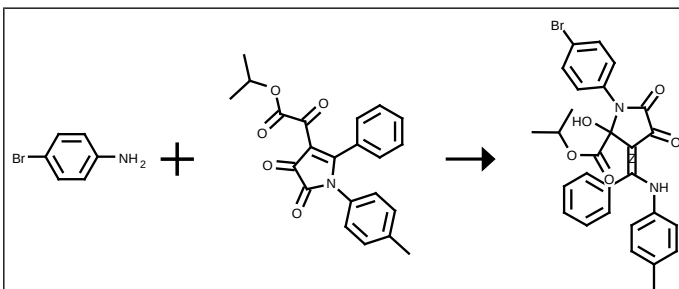
Yield	Conditions & References
74 %	With sulfuric acid, Heating, Fischer esterification Sener, Ahmet; Menges, Nurettin; Akkurt, Mehmet; Karaca, Selvi; Bueyuekguengoer, Orhan; Tetrahedron Letters; vol. 49; nb. 17; (2008); p. 2828 - 2831 View in Reaxys


 Rx-ID: 29325625 [View in Reaxys](#)

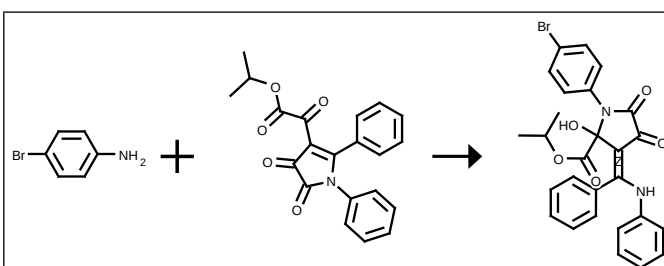
Yield	Conditions & References
87 %	in m-xylene, Time= 15h, Reflux Dmitriev, M. V.; Silaichev, P. S.; Maslivets, A. N.; Russian Journal of Organic Chemistry; vol. 45; nb. 12; (2009); p. 1873 - 1873; Zhurnal Organicheskoi Khimii; vol. 45; nb. 12; (2009); p. 1874 - 1874 View in Reaxys


 Rx-ID: 29575430 [View in Reaxys](#)

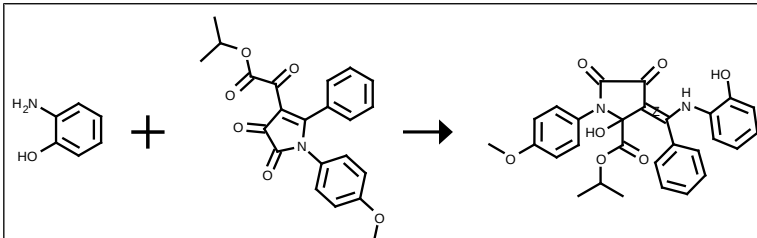
Yield	Conditions & References
85 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


Rx-ID: 29575431 [View in Reaxys](#)

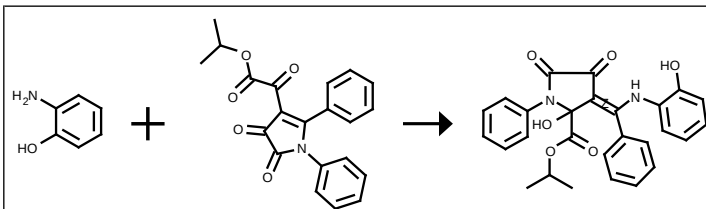
Yield	Conditions & References
85 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


Rx-ID: 29575433 [View in Reaxys](#)

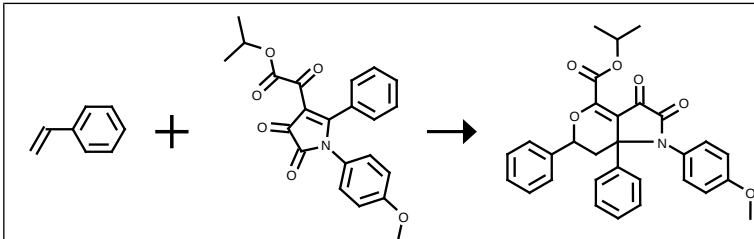
Yield	Conditions & References
88 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


Rx-ID: 28959777 [View in Reaxys](#)

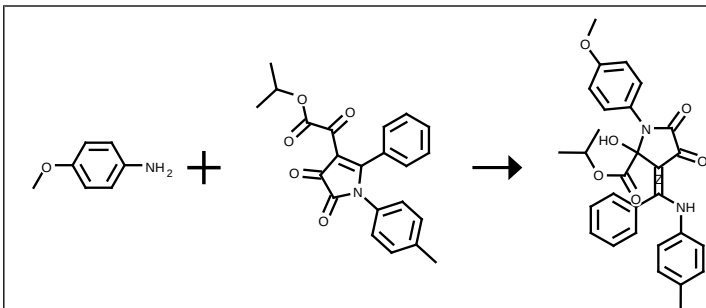
Yield	Conditions & References
84 %	in benzene, Time= 0.166667h, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N. ; Russian Journal of Organic Chemistry; vol. 45; nb. 9; (2009); p. 1414 - 1415; Zhurnal Organicheskoi Khimii; vol. 45; nb. 9; (2009); p. 1427 - 1428 View in Reaxys


 Rx-ID: 28959778 [View in Reaxys](#)

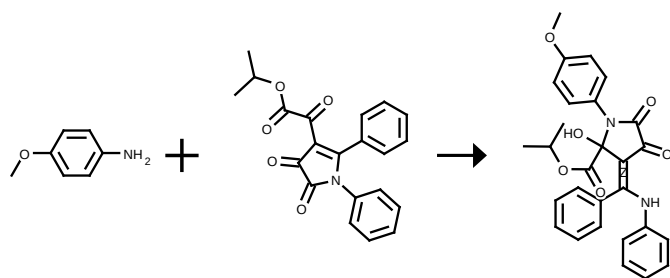
Yield	Conditions & References
83 %	in benzene, Time= 0.166667h, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Russian Journal of Organic Chemistry; vol. 45; nb. 9; (2009); p. 1414 - 1415; Zhurnal Organicheskoi Khimii; vol. 45; nb. 9; (2009); p. 1427 - 1428 View in Reaxys


 Rx-ID: 29325624 [View in Reaxys](#)

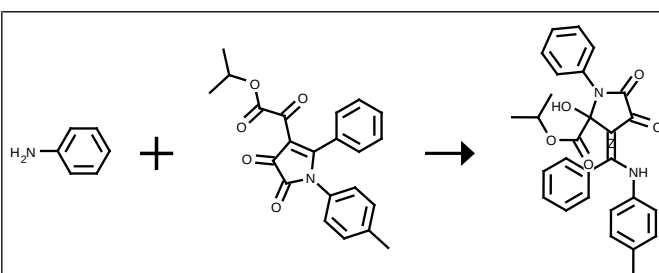
Yield	Conditions & References
84 %	in m-xylene, Time= 16h, Reflux Dmitriev, M. V.; Silaichev, P. S.; Maslivets, A. N.; Russian Journal of Organic Chemistry; vol. 45; nb. 12; (2009); p. 1873 - 1873; Zhurnal Organicheskoi Khimii; vol. 45; nb. 12; (2009); p. 1874 - 1874 View in Reaxys


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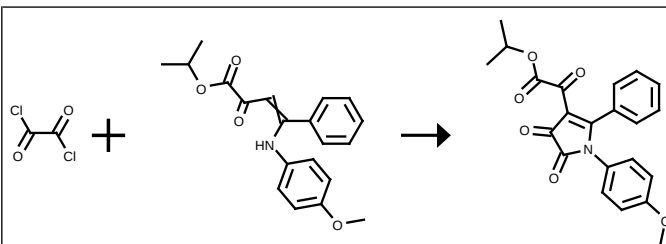
Yield	Conditions & References
80 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


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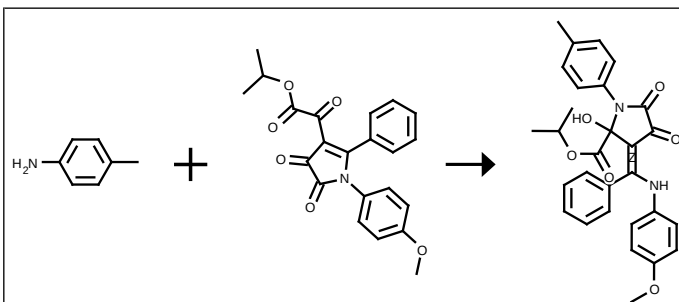
Yield	Conditions & References
79 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


 Rx-ID: 29575429 [View in Reaxys](#)

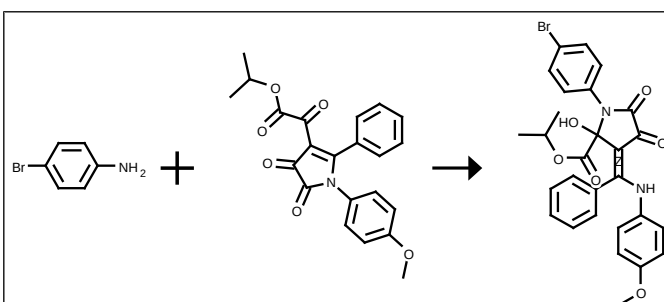
Yield	Conditions & References
79 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


 Rx-ID: 4560208 [View in Reaxys](#)

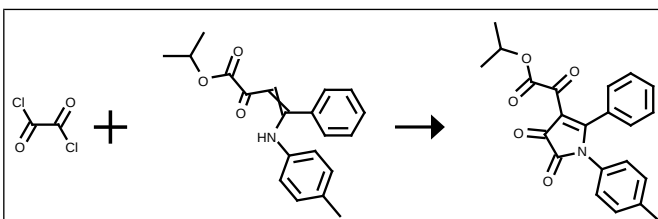
Yield	Conditions & References
66 %	in chloroform, Heating Maslivets, A. N.; Smirnova, L. I.; Ivanenko, O. I.; Andreichikov, Yu. S.; Russian Journal of Organic Chemistry; vol. 31; nb. 4; (1995); p. 563 - 568; Zhurnal Organicheskoi Khimii; vol. 31; nb. 4; (1995); p. 610 - 615 View in Reaxys


 Rx-ID: 29575426 [View in Reaxys](#)

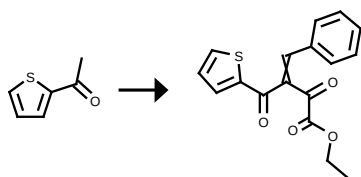
Yield	Conditions & References
74 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


 Rx-ID: 29575432 [View in Reaxys](#)

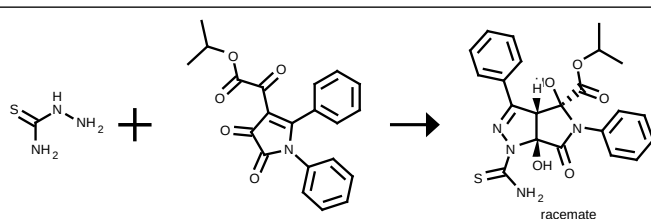
Yield	Conditions & References
73 %	in chloroform, T= 20 °C Silaichev, P. S.; Dmitriev, M. V.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 46; nb. 2; (2010); p. 255 - 259; Zhurnal Organicheskoi Khimii; vol. 46; nb. 2; (2010); p. 261 - 264 View in Reaxys


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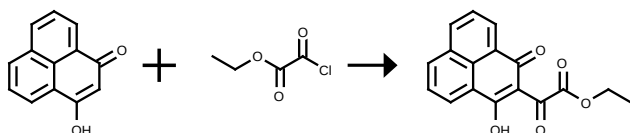
Yield	Conditions & References
60 %	in chloroform, Heating Maslivets, A. N.; Smirnova, L. I.; Ivanenko, O. I.; Andreichikov, Yu. S. ; Russian Journal of Organic Chemistry; vol. 31; nb. 4; (1995); p. 563 - 568; Zhurnal Organicheskoi Khimii; vol. 31; nb. 4; (1995); p. 610 - 615 View in Reaxys


Rx-ID: 21067617 [View in Reaxys](#)

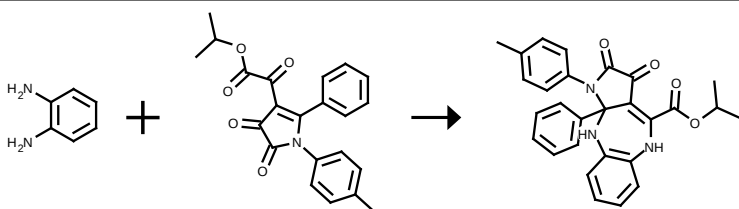
Yield	Conditions & References
	Reaction Steps: 2 1: 50 percent / sodium methoxide / methanol / 0.08 h / Heating 2: 60 percent / sodium methoxide / methanol / 4 h / Heating With sodium methylate in methanol Saleh, R M; Indian Journal of Chemistry, Section B: Organic Chemistry Including Medicinal Chemistry; vol. 30; nb. 3; (1991); p. 313 - 319 View in Reaxys


Rx-ID: 9798464 [View in Reaxys](#)

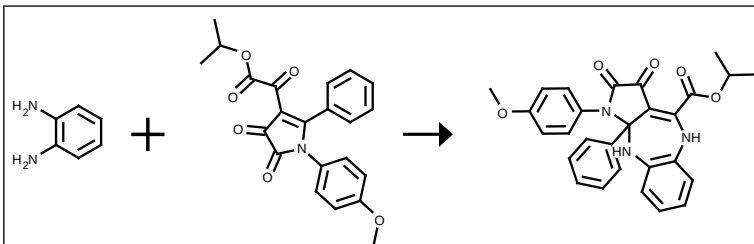
Yield	Conditions & References
20 %	in 1,4-dioxane, Time= 72h Aliev, Z. G.; Maslivetz, A. N.; Ivanenko, O. I.; Journal of Structural Chemistry; vol. 45; nb. 1; (2004); p. 181 - 186; Zhurnal Strukturnoi Khimii; vol. 45; nb. 1; (2004); p. 187 - 191 View in Reaxys


Rx-ID: 4401807 [View in Reaxys](#)

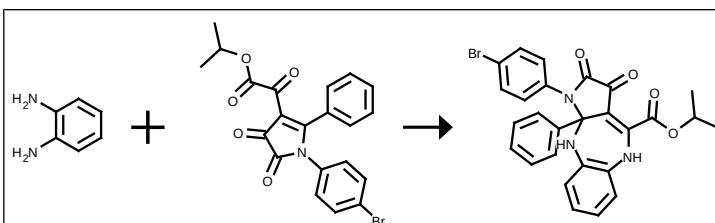
Yield	Conditions & References
	With pyridine Eistert, B. et al.; Chemische Berichte; vol. 101; nb. 6; (1968); p. 2162 - 2175 View in Reaxys


Rx-ID: 4579448 [View in Reaxys](#)

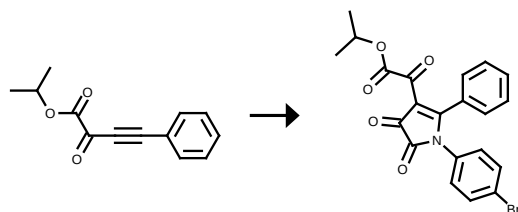
Yield	Conditions & References
89 %	in chloroform, Ambient temperature Maslivets, A. N.; Smirnova, L. I.; Ivanenko, O. I.; Andreichikov, Yu. S.; Russian Journal of Organic Chemistry; vol. 31; nb. 4; (1995); p. 563 - 568; Zhurnal Organicheskoi Khimii; vol. 31; nb. 4; (1995); p. 610 - 615

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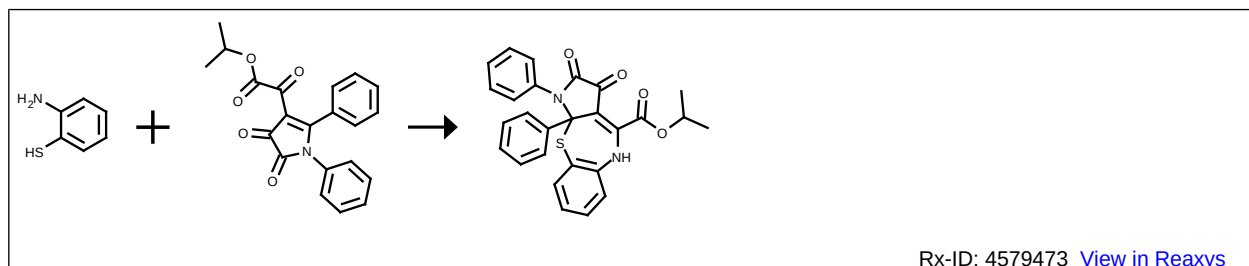
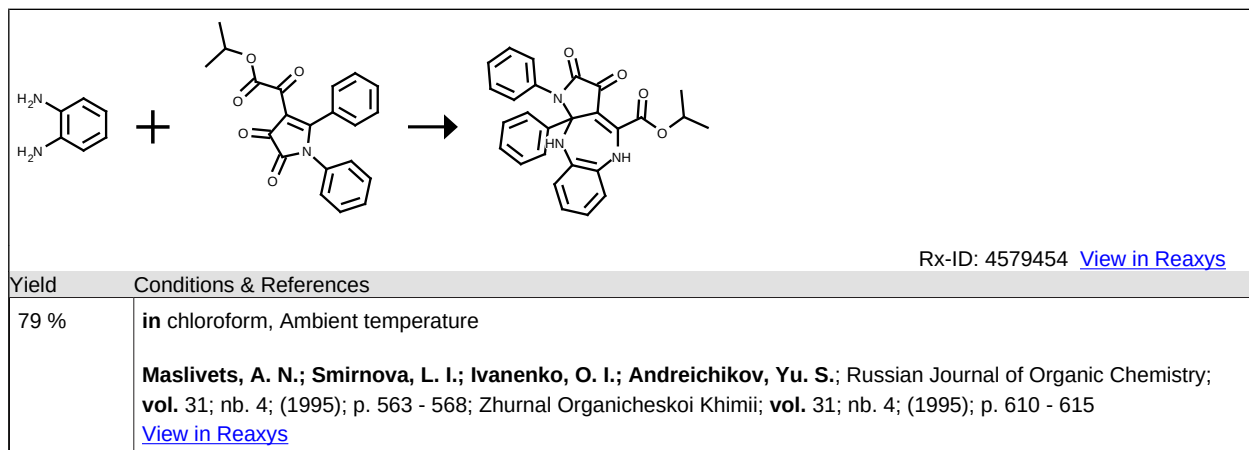
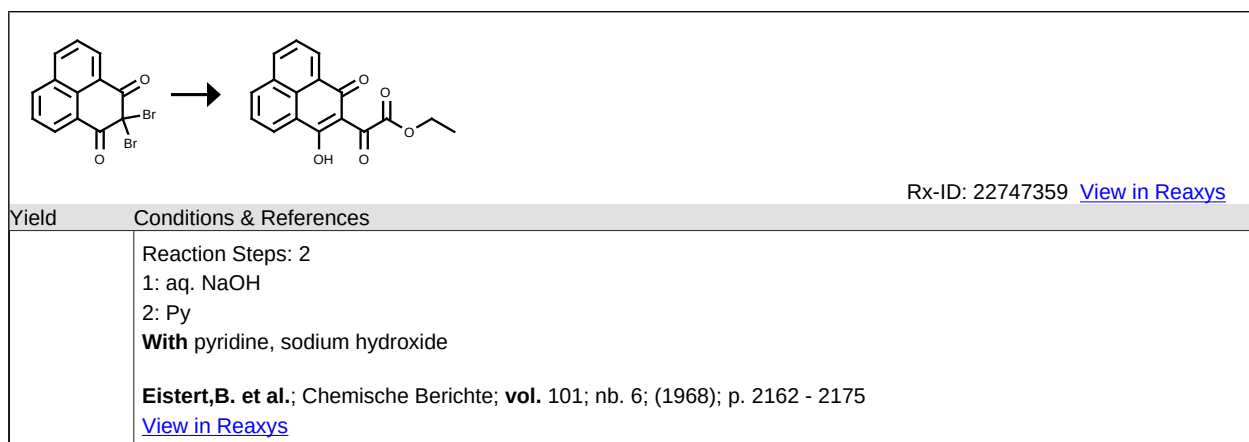
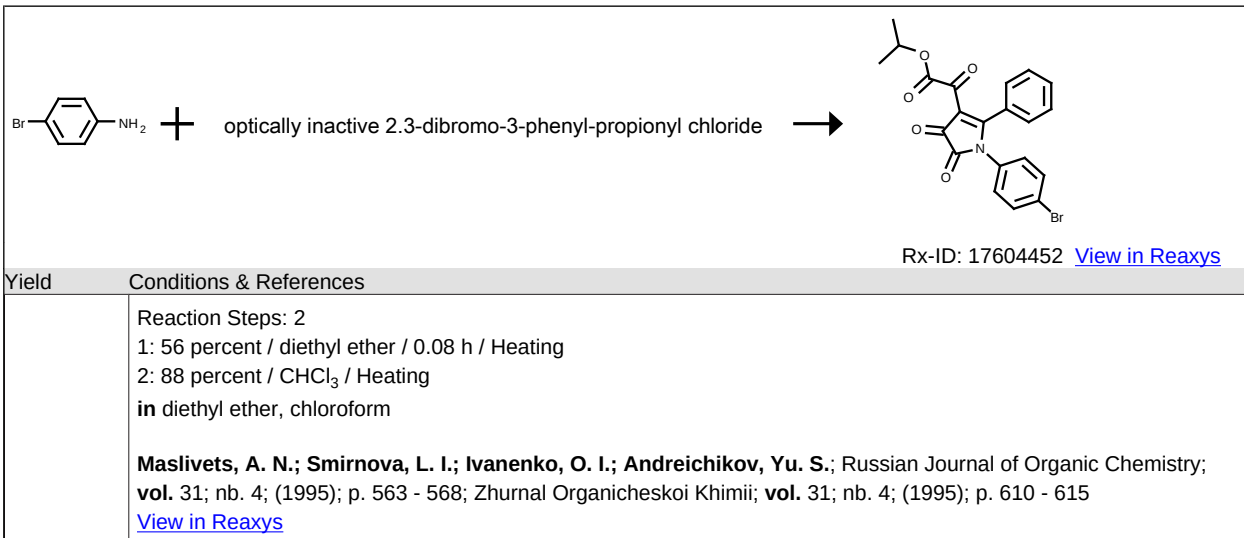
Yield	Conditions & References
93 %	in chloroform, Ambient temperature Maslivets, A. N.; Smirnova, L. I.; Ivanenko, O. I.; Andreichikov, Yu. S.; Russian Journal of Organic Chemistry; vol. 31; nb. 4; (1995); p. 563 - 568; Zhurnal Organicheskoi Khimii; vol. 31; nb. 4; (1995); p. 610 - 615 View in Reaxys


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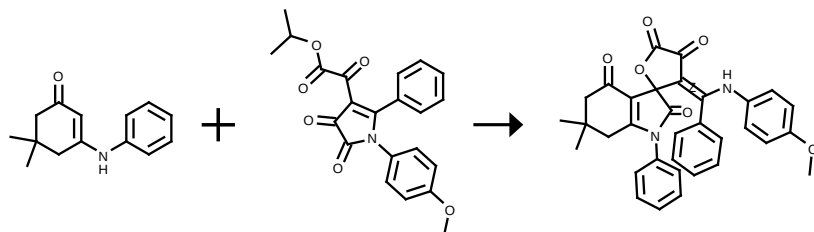
Yield	Conditions & References
92 %	in chloroform, Ambient temperature Maslivets, A. N.; Smirnova, L. I.; Ivanenko, O. I.; Andreichikov, Yu. S.; Russian Journal of Organic Chemistry; vol. 31; nb. 4; (1995); p. 563 - 568; Zhurnal Organicheskoi Khimii; vol. 31; nb. 4; (1995); p. 610 - 615 View in Reaxys


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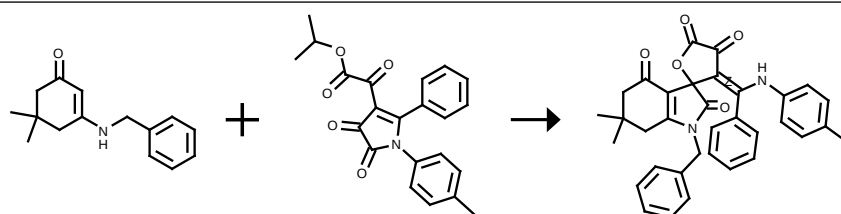
Yield	Conditions & References
	Reaction Steps: 2 1: 56 percent / diethyl ether / 0.08 h / Heating 2: 88 percent / CHCl₃ / Heating in diethyl ether, chloroform Maslivets, A. N.; Smirnova, L. I.; Ivanenko, O. I.; Andreichikov, Yu. S.; Russian Journal of Organic Chemistry; vol. 31; nb. 4; (1995); p. 563 - 568; Zhurnal Organicheskoi Khimii; vol. 31; nb. 4; (1995); p. 610 - 615 View in Reaxys



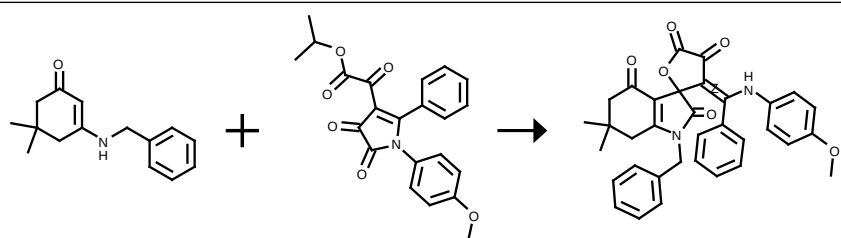
Yield	Conditions & References
80 %	in chloroform Maslivets, A. N.; Smirnova, L. I.; Ivanenko, O. I.; Andreichikov, Yu. S. ; Russian Journal of Organic Chemistry; vol. 31; nb. 5; (1995); p. 707 - 710; Zhurnal Organicheskoi Khimii; vol. 31; nb. 5; (1995); p. 765 - 768 View in Reaxys


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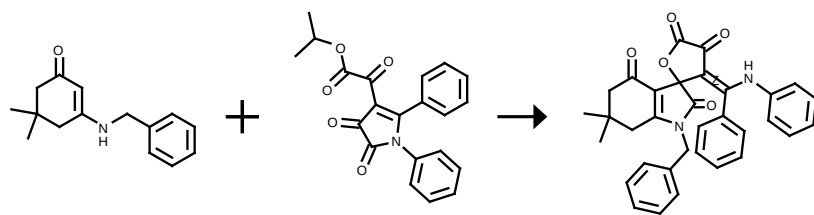
Yield	Conditions & References
75 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys


Rx-ID: 28594622 [View in Reaxys](#)

Yield	Conditions & References
76 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys


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Yield	Conditions & References
80 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys

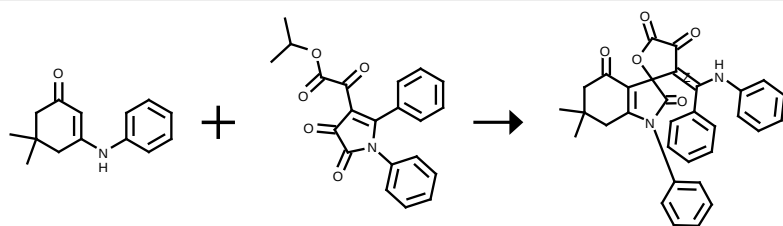

Rx-ID: 28594624 [View in Reaxys](#)

Yield	Conditions & References
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77 %

in chloroform, Time= 8h, T= 20 °C

Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; **vol.** 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; **vol.** 45; nb. 1; (2009); p. 130 - 133

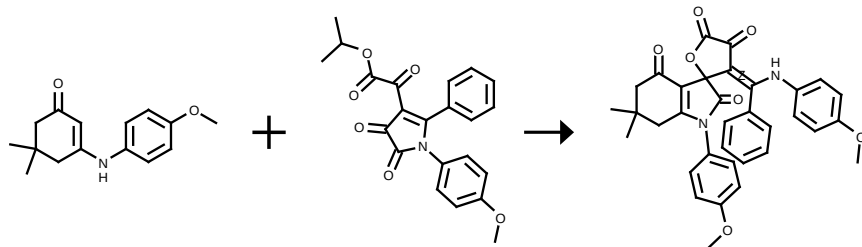
[View in Reaxys](#)

Rx-ID: 28594618 [View in Reaxys](#)

Yield	Conditions & References
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71 %

in chloroform, Time= 8h, T= 20 °C

Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; **vol.** 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; **vol.** 45; nb. 1; (2009); p. 130 - 133

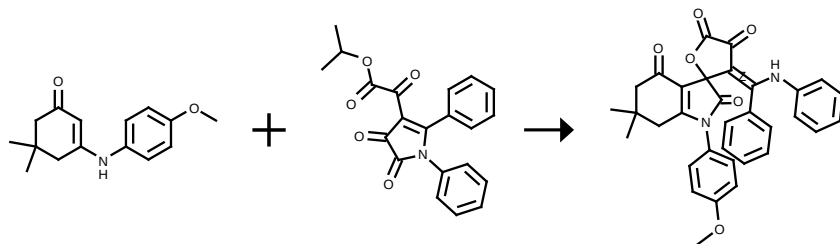
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Rx-ID: 28594619 [View in Reaxys](#)

Yield	Conditions & References
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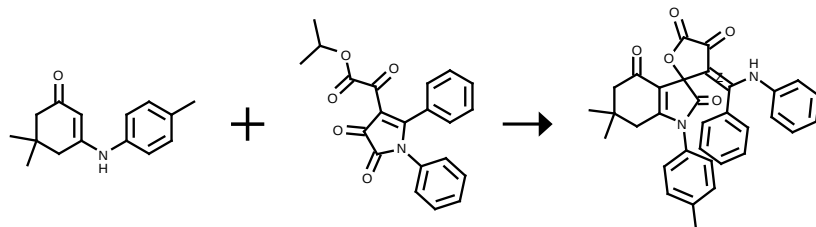
72 %

in chloroform, Time= 8h, T= 20 °C

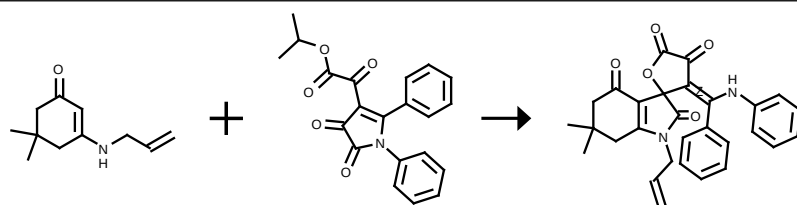
Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; **vol.** 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; **vol.** 45; nb. 1; (2009); p. 130 - 133

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Rx-ID: 28594620 [View in Reaxys](#)

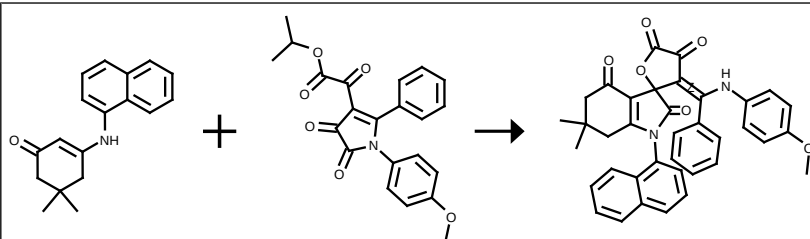
Yield	Conditions & References
73 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys


Rx-ID: 28594621 [View in Reaxys](#)

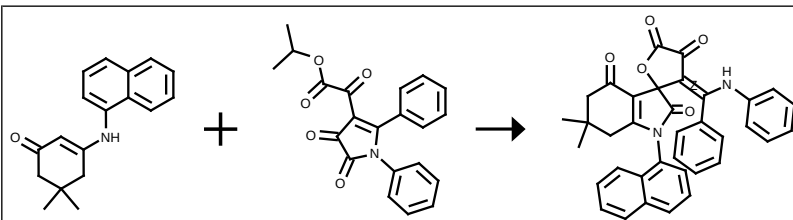
Yield	Conditions & References
74 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys


Rx-ID: 28594625 [View in Reaxys](#)

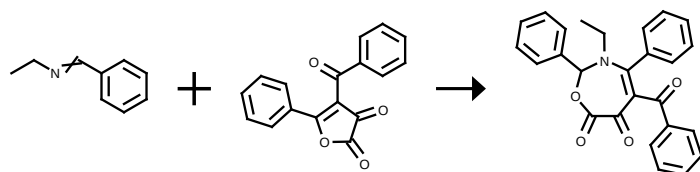
Yield	Conditions & References
72 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys


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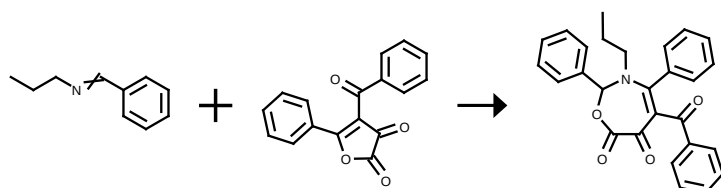
Yield	Conditions & References
71 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G. ; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys


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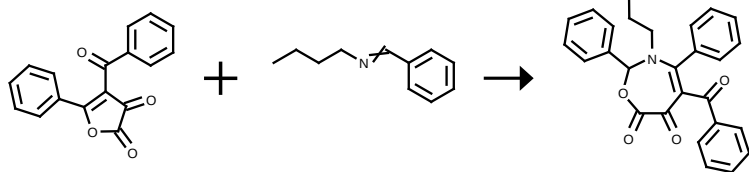
Yield	Conditions & References
68 %	in chloroform, Time= 8h, T= 20 °C Silaichev, P. S.; Maslivets, A. N.; Aliev, Z. G.; Russian Journal of Organic Chemistry; vol. 45; nb. 1; (2009); p. 126 - 130; Zhurnal Organicheskoi Khimii; vol. 45; nb. 1; (2009); p. 130 - 133 View in Reaxys


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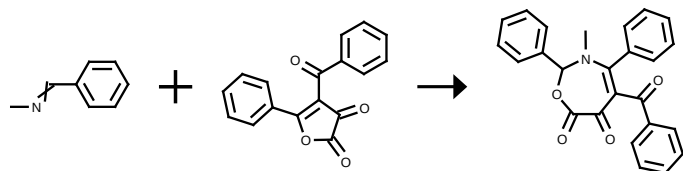
Yield	Conditions & References
	Ott, W.; Synthesis; (1976); p. 478 - 479 View in Reaxys


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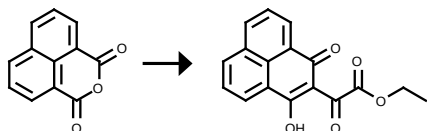
Yield	Conditions & References
	Ott, W.; Synthesis; (1976); p. 478 - 479 View in Reaxys


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Yield	Conditions & References
	Ott, W.; Synthesis; (1976); p. 478 - 479 View in Reaxys


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Yield	Conditions & References
	Ott,W. ; Synthesis; (1976); p. 478 - 479 View in Reaxys


Rx-ID: 22728109 [View in Reaxys](#)

Yield	Conditions & References
	Reaction Steps: 2 1: ZnCl ₂ / 145 - 155 °C 2: Py With pyridine, zinc(II) chloride Eistert,B. et al. ; Chemische Berichte; vol. 101; nb. 6; (1968); p. 2162 - 2175 View in Reaxys