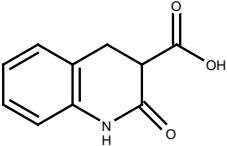
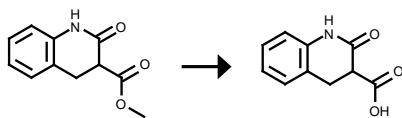
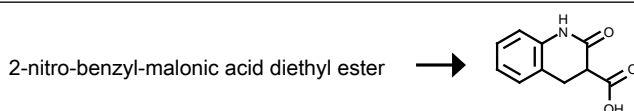


## Query

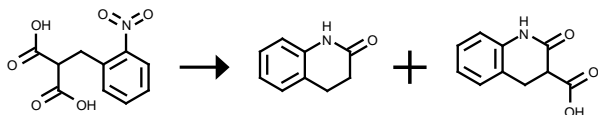
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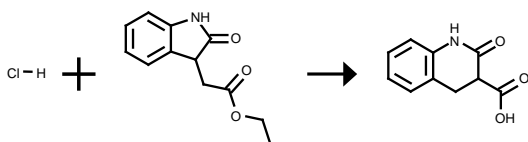
Yield	Conditions & References
	<p>Example Name R.36            Example Title 2-Oxo-1,2,3,4-tetrahydro-3-quinolinecarboxylic acid            Reference Example 36            2-Oxo-1,2,3,4-tetrahydro-3-quinolinecarboxylic acid            1N Aqueous sodium hydroxide solution (80 ml) was added dropwise to the mixed solution of methyl 2-oxo-1,2,3,4-tetrahydro-3-quinolinecarboxylate (8.322 g) in THF (80 ml) and methanol (80 ml) at 0.deg. C.            The reaction mixture was stirred at room temperature for 4 hours. 1N Hydrochloric acid (90 ml) was added dropwise to the reaction mixture at 0.deg. C., which was then extracted with ethyl acetate.            The organic layer was washed with a saturated aqueous sodium chloride solution, then dried and concentrated to obtain crude crystals of the entitled compound (7.032 g).            The obtained crude crystals were put to use in the following reaction without purification.  <sup>1</sup>H-NMR(DMSO-d<sub>6</sub>) δ: 3.11(2H, d), 3.47(1H, t), 6.90(1H, dd), 7.09-7.24(2H, m).</p> <p><b>With</b> hydrogenchloride, sodium hydroxide in tetrahydrofuran, methanol</p> <p><b>Patent:</b> Takeda Chemical Industries, Ltd.; US6329389; (2001); (B1) English  <a href="#">View in Reaxys</a></p>


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Yield	Conditions & References
	<p><b>With</b> hydrogenchloride, zinc, Verseifen des entstandenen Aethylesters mit Natronlauge</p> <p><b>Reissert;</b> Chemische Berichte; <b>vol.</b> 29; (1896); p. 656  <a href="#">View in Reaxys</a></p>


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Yield	Conditions & References
	<p>in saurer Loesung</p> <p><b>Reissert;</b> Chemische Berichte; <b>vol.</b> 29; (1896); p. 656  <a href="#">View in Reaxys</a></p>


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Yield	Conditions & References
	<p><b>Julian; Prity;</b> Journal of the American Chemical Society; <b>vol.</b> 75; (1953); p. 5301,5303  <a href="#">View in Reaxys</a></p> <p><b>Sumpter et al.;</b> Journal of the American Chemical Society; <b>vol.</b> 67; (1945); p. 1037  <a href="#">View in Reaxys</a></p>

