

Answer on Question#75332 – Chemistry – Organic chemistry

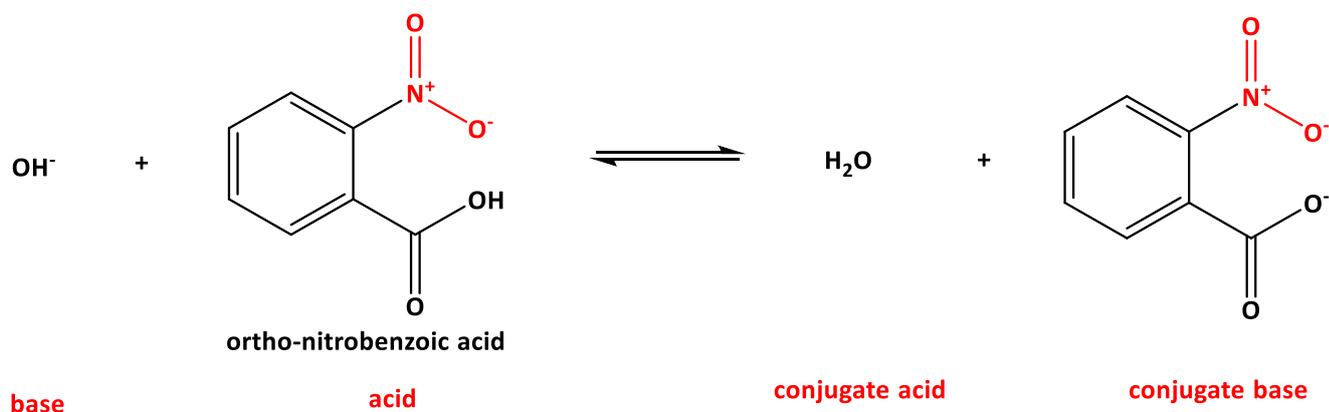
Question: Can there be formation of bond between oxygen and nitrogen in the conjugate base of ortho-nitrobenzoic acid?

Answer:

A general equation for acid-base interaction:



Use OH^- as base for ortho-nitrobenzoic acid:



The conjugate base contains bonds between oxygen and nitrogen in nitro group as well as ortho-nitrobenzoic acid.

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