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Hydrotropes as effective reaction Media for the Synthesis of Rafoxanide

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ABSTRACT

The paper describes the synthesis of Rafoxanide. It is used as anthelmintics that expel parasitic worms (Helminthes) from the body or kill them. A traditional remedy of this type is often called a vermifuge. The synthesis of Rafoxanide was carried out using four different hydrotropes. The effect of various hydrotropes on yield, rate constant and activation energy at various temperatures and concentrations are studied.

Keywords: Hydrotropes, Xylene sulfonic acid (XSA), Cumene sulfonic acid (CSA), (n-BBSA): n-Butyl benzene sulfonic acid (n-BBSA), Isobutyl benzene sulfonic acid (I-BBSA), ¹H NMR, IR.
