

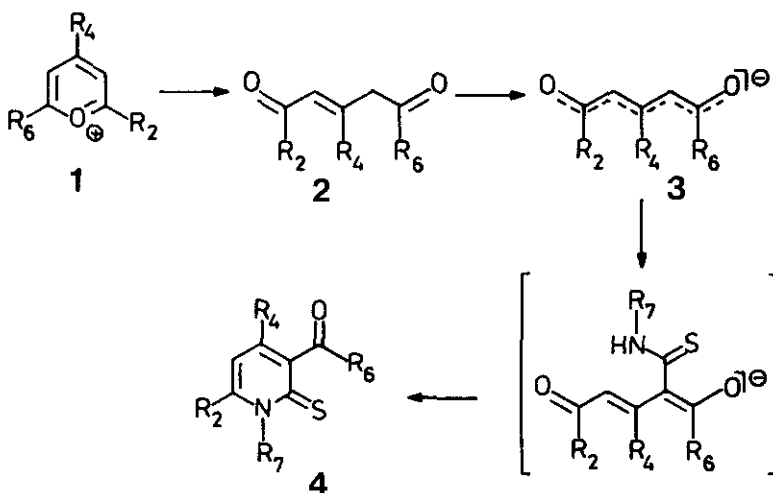
A NEW SYNTHESIS OF SUBSTITUTED  
2(1H)PYRIDINETHIONES FROM ENOLATES OF 1,5-ENEDIONES OBTAINED VIA  
PYRYLIUM SALTS.

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A general method for the preparation<sup>1</sup> of 3,4 or 6-substituted-2(1H)pyridinethiones (4) in high yields from the glutaconaldehyde enol salts (3) is described. Such enol salts<sup>2</sup> may conveniently be obtained from pyrylium salts (1) by ring opening with base to the 1,5-enediones (2), followed by preparation of the enol salts (3) under anhydrous conditions and final reaction with isothiocyanates to the title compounds 4:



1. J. Becher and H. Nissen, Sulfur Letters 2 (1983) in press.
2. For a review on glutaconaldehyde see: J. Becher, Synthesis 589 (1980).