

<<沃氏实用有机化学教程>>

图书基本信息

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### 内容概要

《沃氏实用有机化学教程(第1卷)(第5版)》内容简介：This is the second time that we have prepared a new edition of Vogel's Textbook of Organic Chemistry and it is important to reaffirm the aims set out by the late Dr A. I. Vogel in the preface to the first edition. Thus in this new edition every endeavour is made to retain the comprehensive character of the book, and to ensure that it continues to be a one-volume reference text which is of value to practising organic chemists throughout their undergraduate, postgraduate and subsequent careers.

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## 章节摘录

插图：Low-pressure mercury arc lamps operate at near room temperature. Much of the energy input of medium and especially high-pressure lamps however is converted into heat so that these lamps must be cooled. The medium-pressure lamps have been used most extensively for synthetic work on account of their high light output, ease of handling and broad spectrum emission. The full arc spectrum of these lamps is often employed in preparative photochemistry, but if necessary removal of unwanted regions of the spectrum can be effected by surrounding the lamp with chemical or glass (e.g. Corex, Vycor) filters; unwanted light below 300 nm can of course be removed by irradiation through Pyrex glass. For a comprehensive account of light filters and commercially available lamps, the reader should consult the monograph of Schönberg, Schenck and Neumuller. Details of the energy output at the emitted wavelengths can usually be obtained from the lamp suppliers but it should be appreciated that these values change on ageing.

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