



A Treatise on Chemistry Volume 3, PT. 6 (Paperback)

By Henry Enfield Roscoe

Not Avail, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1892 Excerpt: . formed. 1 Ser. 1, 100. a Bamberger and Lodter, Ser. 21, 51 and 256. a- Naphthomethylamine hydrochloride, C₁₀H₇.CH₂.NH₃Cl, crystallizes readily in long, sparingly-soluble needles, and forms a platinochloride, which is a yellow crystalline precipitate. a-Naphthomethylamine nitrite, C₁₀H₇.CH₂.NH₃.NO₂, is formed in a remarkable manner when aqueous solutions of the hydrochloride and of sodium nitrite are mixed. It soon separates out as a mass of lustrous needles, and is sparingly soluble in cold water, from which it crystallizes on evaporation in long, slender prisms. When it is heated in a capillary tube it remains unaltered until the temperature reaches 148 5, and then suddenly melts and froths up, the same decomposition taking place as is caused by water at 50--60 (Bamberger and Lodter): C₁₀H₇.CH₂.NH₃.O.NO-C₁₀H₇.CH₂.OH + H₂O + N, It therefore resembles ac-tetrahydro-8-naphthylamine in its properties (p. 172). a- Naphthomethylamine nitrate, CH₇.CH₂NH₃.NO₃, is also sparingly soluble, and crystallizes in...

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