## DISSERTATIONES



## DCC-7 (Univ. Zagreb)

- 1. Synthetic Studies in the Carotenoide Series. Synthesis of 15,15'-Dihydro- $\beta$ -carotene
- I. Markovac-Prpić A.
- II. Research Department, »Pliva« Pharmaceutical and Chemical Works, Zagreb, Croatia, Yu-goslavia

## 547.979.8.07:543.854.1

Carotenoide 1,18-Bis-[2',6',6'-trimethyl-cyclo-hexene-(1')-yl]-3,7,12,16-tetra-methyl-,octadecahexane-(1 3,7,11,15, 17)-diyne-(5,13) -, octadecaoctaene-(1,3,7,11,15,17) -, df 105 tetribulenesis

- -, 4,7,12,15-tetrahydroxy-, octa-decadiene-(1,17),diyne-(5,13) and tetraacetate
- -, octadecatetraene-(1,5 15,17) 14-[2',6',6'-trimethyl-cyclohexene-(1')-yl]-3,8,12-trimethyl-4,7,12--trihydroxy-tetradecaene-(13)-
- -diyne-(1.9) 11,11'-Dehydro-15,15'-dihydro-8-
- carotene 15,15'-Dihydro-β-carotene
- 3,8-Dihydroxy-3,8-dimethyl-decadiyne-(1,9) and bis (p-nitrobenzoate Lindlar Catalyst

25 25 263