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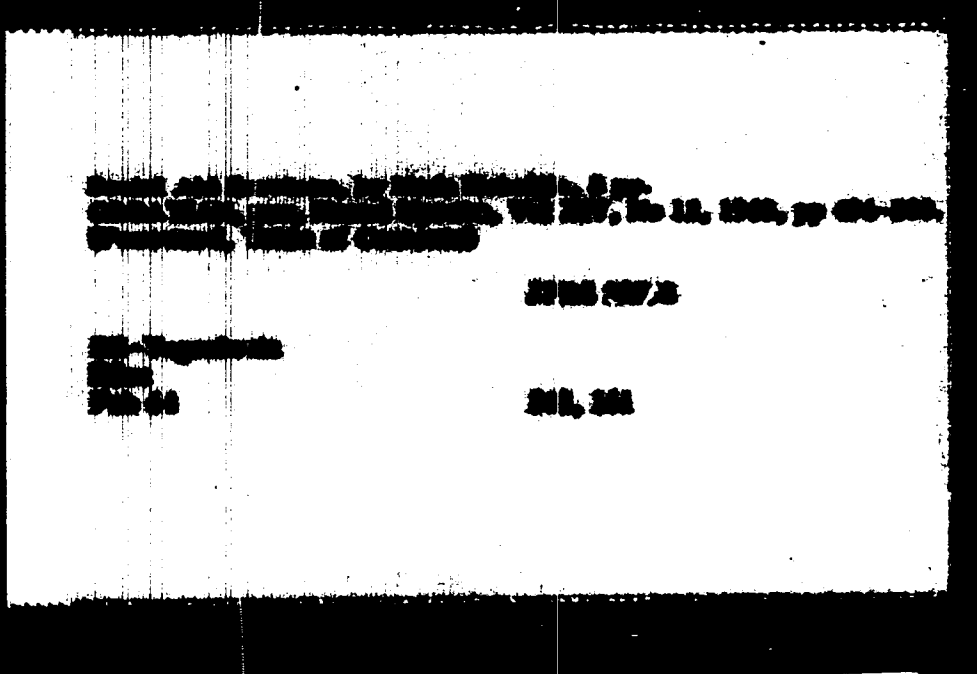
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STEREOSPECIFIC METABOLISM OF THE OPTICAL  
ANTIPODES OF  $\alpha$ -PHENYL- $\alpha$ -ETHYL-GLUTARI-  
MIDE (DORIDEN) (Über den Stereospezifischen Metab-  
olismus der Optischen Antipoden von  $\alpha$ -Phenyl- $\alpha$ -  
Äthylglutarimid (Doriden)). Jun 63, 10p 7refs  
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I. Keberle, H.  
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Trans. of Arch[ives] Internat[ionales de] Pharma-  
codyn[amie et de Therapie] (Belgium) 1963, v. 142,  
no. 1/2, p. 117-124. (Abstract available)

DESCRIPTORS: \*Doriden, \*Metabolism, Absorption  
spectrum, Stereochemistry, Optical properties.

In experiments in which racemic  $\alpha$ -phenyl- $\alpha$ -ethyl glu-  
tarimide (Doriden) was fed to dogs, it was possible to  
isolate four metabolites from the urine. The assump-  
tion that the metabolites, by virtue of their structural  
formulae, belong together in pairs and are derived  
(Biological Sciences--Pharmacology, TT, v. 11, no. 2)  
(over)

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**MECHANISM OF BIOLOGICAL N-DEALKYLATION**  
(Über den Mechanismus der Biologischen N-Des-  
alkylierung). [Apr 63] 15p. 34 refs.  
Order from SLA \$1.60      63-18014

Trans. of Arch[ives] Internationales de  
Pharmacodyn[amie et de Therapie] (Belgium)  
1963, v. 142, no. 1/2, p. 125-140.

DESCRIPTORS: \*Doriden, Absorption (Biology),  
Drugs, Excretion, Stereochemistry, Metabolism,  
\*Glutaric acids, \*Alkylation, \*Hypnotics and sedatives.

The metabolism of dextrorotatory and levorotatory  
N-methyl- $\alpha$ -phenyl- $\alpha$ -ethyl-glutarimide was studied in  
the dog. It was found that the two optical antipodes  
were excreted in the urine as two glucuronides each.  
One metabolite of each antipode was identified as a  
(Biological Sciences--Pharmacology, TT, v. 10, no. 9)  
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