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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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JUN 17 1992

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

MEMORANDUM

Subject: EPA ID # 007969-00053. Cover Memo for an Interim Report of a Metabolism Study (MRID No. 415217-01).

Tox. Chem. No.: 323C.
Project No.: 0-1473.
Record No.: 266259.

From: David G Anderson, PhD. David G Anderson 12/2/91
Toxicologist, Section 3,
Toxicology Branch-1
Health Effects Division (H7509C)

To: S Lewis/J Stone, PM 21
Registration Division (H7505C) 5/5/92

Thru: Henry Spencer, PhD. 11/21/91 5/6/92
Acting Section 3 Head,
Toxicology Branch I
Health Effects Division (H7509C).

DATA SUBMITTED: BASF submitted, for review, an interim report of a biokinetics and metabolism study on vinclozolin in rats.
Hawkins, D.R., Kirkpatrick, D. and Dean, G.M. The Biokinetics and Metabolism of C^{14} - vinclozolin in the Rat - Interim Report, Porject BASF# 89/0478, December 7, 1989. Conducted by Huntingdon Research Centre Ltd., England. (MRID # 415217-01)

CONCLUSIONS: This preliminary report has been examined. A detailed Data Evaluation Report will be completed for the complete kinetic and metabolism study submitted under MRID# 418243-07 and 418243-08. This complete study, which is part of HED project no. 1-1063, is currently being completed. Refer to HED project no. 1-1063 for the complete review.

Protocols and several tables of summary data were reported in this interim report. The one-half life of vinclozolin in rats at 10 mg/kg is approximately 13 hours for males and approximately

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16 hours for females. Approximately 73% was recovered in the urine and approximately 23% of the dose was recovered in the feces. The largest concentrations were found in the fat, kidney, liver, and thyroid gland.

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Cover memo Interim Biokinetics and Metabolism Study 89/0478/ 415217-01/HED 01473/B:\VINCLV33.23C\CMINTERI.MET/ DANDERSON/10/2/91.*

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ToxChem No. 323C - Vinclozolin, 3(3,5-dichlorophenyl)-5-ethenyl-5-methyl-1,3-oxazolidine-2,4-dione. Dated 5/7/92.

CITATION	MATERIAL	MRID #	RESULTS	TOX. CAT.	CORE GRADE/ DOCUMENT #
Interim report/ Metabolism Huntingdon Research Center Ltd. 89/0478 December 7, 1989.	Vinclozolin, Radio-labeled, >95% pure.	415217-06	Protocols and several tables of summary data were reported in this interim report. The one-half life of vinclozolin in rats at 10 mg/kg is approximately 13 hours for males and approximately 16 hours for females. Approximately 73% was recovered in the urine and approximately 23% of the dose was recovered in the feces. The largest concentrations were found in the fat, kidney, liver, and thyroid gland.	NA	Supple-mentary because it is an interim report.

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