

论文

吲(口)甾-C₆¹⁴在犬体内的代谢研究

赵泰;郑瑞;刘吉生

天津市药物研究所

摘要:

本文报导利用纸上层析、放射性分布的测定及放射自显影法研究了吲哚甾-C₆¹⁴在犬体内的代谢产物.在犬尿液的检出物中,除尿兰母、吲哚酚-d-葡萄糖醛酸中不含葡萄糖-C₆¹⁴及C¹⁴外,两个不同的极性大的吲哚酚类结合物皆含有葡萄糖-C₆¹⁴,初步证明为x-羟化及y-羟化的吲哚甾-C₆¹⁴.此外,在犬尿液中还检出了微量未经变化的吲哚甾-C₆¹⁴.

关键词:

THE METABOLISM OF INDICAN-C₆¹⁴ IN THE DOG

CHAO TAI; CHENG JUI AND LIU CHI-SHENG

Abstract:

An oral dose of 200 mg of indican-C₆¹⁴ (indoxyl-β-glucose-C₆¹⁴) was given to a dog. A 24 hour urine sample was collected and treated with Dalgies's deactive carbon method. Aliquots of urine were spotted on filter paper, and chromatographed. Radioactive meta- bolites were located by radioscanning and by radioautography. Two metabolites, urinary indican and indoxyl-d-glucuronic acid, were found on the chromatogram in addition to two strongly radioactive compounds which were identified as x- and y-hydroxy-indican- C₆¹⁴. Furthermore, a small amount of unchanged indican-C₆¹⁴ was also found.

Keywords:

收稿日期 1964-01-18 修回日期 网络版发布日期

DOI:

基金项目:

通讯作者:

作者简介:

参考文献:

本刊中的类似文章

文章评论 (请注意:本站实行文责自负, 请不要发表与学术无关的内容!评论内容不代表本站观点.)

反馈人	<input type="text"/>	邮箱地址	<input type="text"/>
反馈标题	<input type="text"/>	验证码	<input type="text" value="2008"/>

扩展功能

本文信息

- ▶ Supporting info
- ▶ PDF(222KB)
- ▶ [HTML全文]
- ▶ 参考文献

服务与反馈

- ▶ 把本文推荐给朋友
- ▶ 加入我的书架
- ▶ 加入引用管理器
- ▶ 引用本文
- ▶ Email Alert
- ▶ 文章反馈
- ▶ 浏览反馈信息

本文关键词相关文章

本文作者相关文章

- ▶ 赵泰
- ▶ 郑瑞
- ▶ 刘吉生

PubMed

- ▶ Article by
- ▶ Article by
- ▶ Article by