

w of pantethine, Europe and Japan's safe and effective alternative to statin drugs; Pantethine is considered "atoxic" due to

Re: Good overview of pantethine, Europe and Japan's safe and effective alternative to statin drugs; Pantethine is considered "atoxic" due to its superior safety profile

Source: <http://sci.tech-archive.net/Archive/sci.med.cardiology/2005-12/msg00335.html>

- *From:* "just Ed" <just_ed53spam@xxxxxxxxxx>
 - *Date:* 16 Dec 2005 05:15:11 -0800
-

Jim Chinnis wrote:

> Susan <nevermind@xxxxxxxxxx> wrote in part:
>
>> Does this help at all?
>>
>> Atherosclerosis. 1987 Nov;68(1-2):41-9. Related Articles, Links
>>
>> Pantethine lipomodulation: evidence for cysteamine mediation in
>> vitro and in vivo.
>
> Yes. If I'm following the abstract, pantethine may not survive long enough
> to have much of a statin effect and instead acts mainly via one of its
> hydrolysis products employing different mechanisms.

Yes to "pantethine may not survive long enough to have much of a statin effect and instead acts mainly via one of its hydrolysis products".

So how do you conclude that it employs other mechanisms?

per PMID: 3689482's "Pantethine did increase CoA levels 45% in rat liver homogenates while equivalent amounts of cystamine or pantothenate did not." we know that pantethine was hydrolysed. So cysteamine was produced as the other piece of pantethine.

You are able to conclude that it didn't hydrolyse in PMID: 3196742's rat liver microsomes with cysteamine being the actual statin there.

....and these other mechanisms show "...equivalent modulation of cholesterol and methyl sterol synthesis by pantethine, cysteamine..." at that?

The statin mechanism would be nailed down better if PMID: 3196742

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were repeated with cysteamine. I guess that researchers don't
care to bother proving or dispro

Re: Good overview of pantethine, Europe and Japan's safe and effective alternative to statin drugs;2Panteth