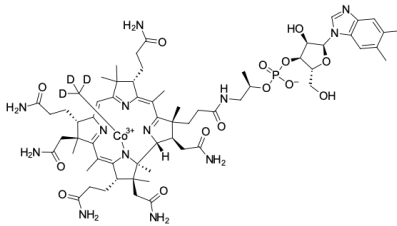


Methylcobalamin-d3

<http://hk.lumiprobe.com/p/methylcobalamin-d3>

Methylcobalamin-d3, also known as mecobalamin-d3, is a deuterated methylcobalamin and is intended for use as an internal standard for the quantification of methylcobalamin by GC- or LC-MS. Methylcobalamin, one of the biologically active forms of vitamin B12, differs from cyanocobalamin in that the cyano group at the cobalt is replaced with a methyl group.

Methylcobalamin serves as an intermediate in the enzymatic reaction of methionine biosynthesis by methionine synthase. Methylcobalamin is a form of vitamin B12 that is found in higher amounts around neurons. It plays a role in biochemical reactions that increase the production of DNA, RNA, and proteins. Methylcobalamin also helps regenerate nerves and promotes the synthesis of lecithin, which aids in the repair of damaged nerves.



外观:

分子量: 1347.40

分子式: C₆₃H₈₈D₃CoN₁₃O₁₄P

质量控制: NMR ¹H 和 HPLC-MS (95+%、D: 98+%)

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。