



Vitamin D3 Standard solution (DWT93)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	1.0 mg/mL analytical Vitamin D3 Standard
Expression System	N/A
Conjugate	N/A
Cas.No	67-97-0
Molecular Weight	384.64g/mol
Format	Liquid
Concentration	1.0 mg/mL
Size	1 ml
Buffer	Ethanol
Storage	Store unopened in freezer(-10 °C to 25 °C)
Warnings	PLEASE note that this product is intended for research use only; not for diagnostic or clinical use.

BACKGROUND

Introduction	Vitamin D refers to a group of fat-soluble secosteroids responsible for increasing intestinal absorption of calcium, iron, magnesium, phosphate, and zinc. In humans, the most important compounds in this group are vitamin D3 (also known as cholecalciferol) and vitamin D2 (ergocalciferol). Cholecalciferol and ergocalciferol can be ingested from the diet and from supplements. Very few foods contain vitamin D; synthesis of vitamin D (specifically cholecalciferol) in the skin is the major natural source of the vitamin. Dermal synthesis of
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vitamin D from cholesterol is dependent on sun exposure (specifically UVB radiation).

Keywords

(+)-vitamin D3; Calciol; Cholecalciferol; Vitamin D3
