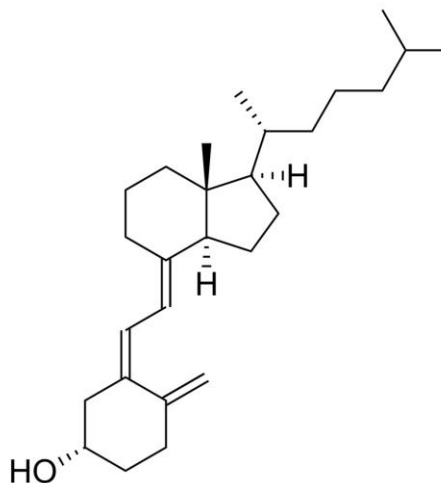


PRODUCT **Cholecalciferol Ph. Eur. (40 MIU/g)**

CAS no. 67-97-0

SYNONYMS Colecalciferol, Vitamin D3



DEFINITION 1mg of cholecalciferol is equivalent to 40 000 IU of antirachitic activity (vitamin D) in rats.

CHARACTERISTICS A white or almost white, crystalline powder or colourless crystals, becoming discoloured on exposure to air and moisture, freely soluble in water, soluble in ethanol (96%). It melts at about 190 °C, with decomposition.

TEST	SPECIFICATION	
Assay (Content)	97.0% to 102.0%	
Identification	Conforms to Ph. Eur. tests	
Specific optical rotation	+105° to +112°	
Related substances	Impurity A	Maximum 0.1%
	Unspecified impurity	Maximum 0.10% (each)
	Total impurities	Maximum 1.0%

ENQUIRY