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Product Datasheet

Tetrahydrocortisol, CAS [[53-02-1]]

USB-166775

Article Name	Tetrahydrocortisol, CAS [[53-02-1]]
Biozol Catalog Number	USB-166775
Supplier Catalog Number	166775
Alternative Catalog Number	USB-166775-10
Manufacturer	US Biological
Category	Biochemikalien
Product Description	Tetrahydrocortisol is excreted in large amounts in premenopausal patients with early breast cancer. Tetrahydrocortisol has been found to be produced by lymphocytes in both normal and cancer bearing patients however, the concentration of Tetrahydrocortisol is significantly lower in cancer bearing patients. Tetrahydrocortisol is a steroid hormone that is produced by the adrenal cortex and is involved in the regulation of metabolism, blood pressure, and the immune system. It is a potent anti-inflammatory and has a wide range of biological activities. Tetrahydrocortisol is a prohormone that is converted to cortisol by the enzyme 21-hydroxylase. It is also a precursor for other steroid hormones such as aldosterone and dehydroepiandrosterone (DHEA). Tetrahydrocortisol is a white to off-white solid that is soluble in organic solvents such as methanol and chloroform. It has a melting point of approximately 180°C. Tetrahydrocortisol is a potent anti-inflammatory and has a wide range of biological activities. It is a prohormone that is converted to cortisol by the enzyme 21-hydroxylase. It is also a precursor for other steroid hormones such as aldosterone and dehydroepiandrosterone (DHEA). Tetrahydrocortisol is a white to off-white solid that is soluble in organic solvents such as methanol and chloroform. It has a melting point of approximately 180°C.
Molecular Weight	366.49
Purity	95%
Form	Supplied as a white to off-white solid
CAS Number	[53-02-1]