Creative Enzymes®

DHEA

Cat. No. CEI-0485

Lot. No. (See product label)

Introduction

Description	DHEA is a steroid secreted by the adrenal gland with both estrogenic and androgenic properties. It is a negative modulator of GABAA receptors. DHEA inhibits the activity of G6PD (glucose 6-phosphate dehydrogenase) in a dose-dependent manner with EC_{50} of 4.0 μm. However, DHEA does not inhibit the enzymatic activity of PGD (6-phosphogluconate dehydrogenase), the second enzyme in the pentose phosphate pathway.
Synonyms	5-Dehydroepiandrosterone; Dehydroisoandrosterone; Prasterone

Product Information

Appearance	White to off-white solid
CAS No.	53-43-0
Molecular Formula	C 19 H 28 O 2
Molecular Weight	187.15
Purity	>99% by HPLC
Targets	G6PD
Solubility	DMSO (50 mg/ml) or Ethanol (2 mg/ml)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack