

## 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<sub>50</sub> 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<sub>19</sub> H<sub>28</sub> O<sub>2</sub>

**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