

Ketoreductase, Recombinant

Cat. No. NATE-0365

Lot. No. (See product label)

Introduction

Description

Ketoreductase reduces 4-chloroacetoacetate with NADPH as a cosubstrate.

Applications

Ketoreductases are used to study the stereospecificity of ketoreductase domains. They may be used to reduce precursors of α -chloroalcohols, which are synthetic intermediates for various pharmaceutical compounds. This product is recombinant and expressed in *E. coli* at > 2.2 units/mg.

Synonyms

Ketoreductase; EC 1.1.1.2; 9028-12-0

Product Information

Source

E. coli

EC Number

EC 1.1.1.2

CAS No.

9028-12-0

Activity

> 0.2 units/mg; > 2.2 units/mg

Unit Definition

1 U corresponds to the amount of enzyme which reduces 1 μ mol 4-chloroacetoacetate per minute at pH 6.0 and 25°C (cosubstrate NADPH).

Usage and Packaging

Package

Bottomless glass bottle. Contents are inside inserted fused cone.

Storage and Shipping Information

Storage

2-8°C