

Native Bovine Rhodanese

Cat. No. NATE-0654

Lot. No. (See product label)

Introduction

Description

Rhodanese (RHOD) is the principal enzyme involved in hydrogen sulphide (H₂S) detoxication in the colonic luman.

Applications

Rhodanese (RHOD) is an enzyme that converts cyanide to thiocyanate. RHOD may be useful in ulcerative colitis (UC) research as it has been shown to have detoxifying properties in the colon. Rhodanese is used to study sulfur energy metabolism.

Synonyms

Rhodanese; EC 2.8.1.1; 9026-04-4; thiosulfate cyanide transsulfurase; thiosulfate thiotransferase; rhodanese; RHOD

Product Information

Species

Bovine

Source

Bovine liver

Form

essentially salt-free, lyophilized powder

EC Number

EC 2.8.1.1

CAS No.

9026-04-4

Activity

100-300 units/mg solid

Unit Definition

One unit will convert 1.0 μ mole of cyanide to thiocyanate per min at pH 8.6 at 25°C.

Storage and Shipping Information

Storage

-20°C