Creative Enzymes®

glycine dehydrogenase (cyanide-forming)

Cat. No. EXWM-1491

Lot. No. (See product label)

Introduction

Description	The enzyme from Pseudomonas sp. contains FAD. The enzyme is membrane-bound, and the 2-electron acceptor is a component of the respiratory chain. The enzyme can act with various artificial electron acceptors, including phenazine methosulfate.
Synonyms	hydrogen cyanide synthase; HCN synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.4.99.5
Reaction	glycine + 2 A = hydrogen cyanide + CO_2 + 2 AH_2
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.