Creative Enzymes®

deoxyribodipyrimidine photo-lyase

Cat. No. EXWM-4936

Lot. No. (See product label)

Introduction

Description	A flavoprotein (FAD), containing a second chromophore group. The enzyme catalyses the reactivation by light of irradiated DNA. A similar reactivation of irradiated RNA is probably due to a separate enzyme.
Synonyms	photoreactivating enzyme; DNA photolyase; DNA-photoreactivating enzyme; DNA cyclobutane dipyrimidine photolyase; DNA photolyase; deoxyribonucleic photolyase; deoxyribodipyrimidine photolyase; photolyase; PRE; PhrB photolyase; deoxyribonucleic cyclobutane dipyrimidine photolyase; phr A photolyase; dipyrimidine photolyase (photosensitive); deoxyribonucleate pyrimidine dimer lyase (photosensitive)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.99.3
CAS No.	37290-70-3
Reaction	cyclobutadipyrimidine (in DNA) = 2 pyrimidine residues (in DNA)
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 ℃.