

dihydroorotate dehydrogenase (NADP+)

Cat. No. EXWM-1289

Lot. No. (See product label)

Introduction

Description Binds FMN and FAD. Other class 1 dihydroorotate dehydrogenases use either fumarate (EC 1.3.98.1) or NAD⁺ (EC 1.3.1.14) as electron acceptor. The membrane bound class 2 dihydroorotate dehydrogenase (EC 1.3.5.2) uses quinone as electron acceptor.

Synonyms orotate reductase; dihydro-orotic dehydrogenase; L-5,6-dihydro-orotate:NAD⁺ oxidoreductase; orotate reductase (NADPH)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.3.1.15

CAS No. 37255-27-9

Reaction (S)-dihydroorotate + NADP⁺ = orotate + NADPH + H⁺

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.