Creative Enzymes®

Tetrahydrofolic acid

Cat. No. COEC-089

Lot. No. (See product label)

Introduction

Description	Tetrahydrofolic acid is the parent molecule of the folate derivatives that donate one-carbon units to amino acids, nucleic acids, and lipids. Tetrahydrofolate metabolites participate in the synthesis of purine and pyrimidine and in synthesis and conversion of amino acids. A recent use of tetrahydrofolate (THF) is for the studying the activation of riboswitches.
Applications	A tool for studying the activation of riboswitches
Synonyms	5,6,7,8-Tetrahydropteroyl-L-glutamic acid; THF

Product Information

Appearance	powder
Form	Solid
CAS No.	135-16-0
Molecular Formula	C19H23N7O6
Molecular Weight	445.43
Purity	≥65% (when packaged)
Solubility	Soluble in 0.1M Phosphate buffer(ph 7.0) 5 mg plus 1mL