

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