

Thiamine pyrophosphate

Cat. No. COEC-046

Lot. No. (See product label)

Introduction

Description Thiamine pyrophosphate is a vitamin B-1 derivative that acts as a coenzyme of transketolase. Thiamine pyrophosphate is used in studies to assess decarboxylation mechanisms in biological systems.

Applications A vitamin and transketolase coenzyme

Synonyms Aneurinepyrophosphoric acid; Cocarboxylase; Thiamine pyrophosphate chloride

Product Information

Appearance Powder or crystalline

Form Solid

CAS No. 154-87-0

Molecular Formula C₁₂H₁₉N₄O₇P₂S•Cl

Molecular Weight 460.77

Purity ≥96%

Melting Point 240-244° C

Solubility Water (50 mg/ml)