Creative Enzymes®

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)