

## Product Datasheet

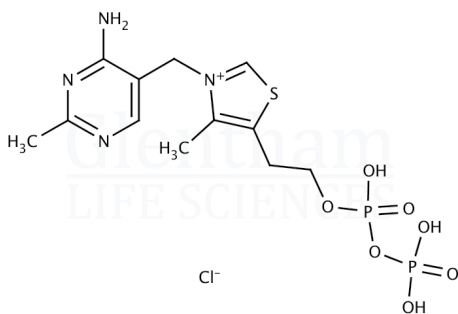
### GV8106 - Thiamine pyrophosphate

#### Product Details

Product Name	Thiamine pyrophosphate
Glentham Code	GV8106
CAS Number	154-87-0
EINECS	205-836-1
MDL Number	MFCD00038740
PubChem SID	310280854
Related Categories	Biochemicals, Vitamins

#### Structure

Molecular Weight : 460.77  
Molecular Formula :  $C_{12}H_{19}ClN_4O_7P_2S$



Identification	: To pass test for chlorides
Identification (IR)	: To conform to standard
pH (10% in water)	: 1.0 - 1.4
Water (KF)	: $\leq 2.0\%$
Purity (HPLC)	: $\geq 95.0\%$
Version	: v1.1

#### About Thiamine pyrophosphate

Thiamine pyrophosphate, or cocarboxylase, is a derivative of Vitamin B1 and cofactor (coenzyme) involved in the catalysis of various biochemical reactions. It is used in the preparation of chitosan nanoparticles, as well as in analytical processes such as HPLC and immunofluorescence.

#### Storage

Recommended storage temperature:  $-20^{\circ}\text{C}$ .

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description : White to off-white powder

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025