

Product Datasheet

GP0613 - Thiamine hydrochloride,

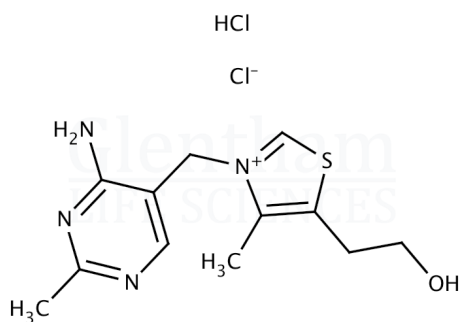
Ph. Eur. grade

Product Details

Product Name	Thiamine hydrochloride, Ph. Eur. grade
Glentham Code	GP0613
CAS Number	67-03-8
EINECS	200-641-8
MDL Number	MFCD00012780
PubChem SID	310280851
Additional CAS	59-43-8
Related Categories	APIs, Biochemicals, Vitamins, Raw Materials (IVD), Reagents for Gel Electrophoresis of Proteins

Structure

Molecular Weight	: 337.28
Molecular Formula	: $C_{12}H_{17}ClN_4OS \cdot HCl$



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

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

Glentham Product Specification

Physical Description	: White to almost white crystalline powder
Identification	: To conform to tests A, B, C
Solubility (5% in water)	: Clear, colourless solution (\leq Y7 or GY7)
pH (2.5% in water)	: 2.7 - 3.3
Sulphates	: \leq 300ppm
Impurity A	: \leq 0.15%
Impurity B	: \leq 0.3%
Impurity C	: \leq 0.15%
Any Unspecified Impurity	: \leq 0.1%
Total Impurities	: \leq 0.5%
Heavy Metals	: \leq 20ppm
Sulphated Ash	: \leq 0.1%
Water	: \leq 5.0%
Assay	: 99.0 - 101.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: Ph. Eur.
Version	: v1.2

About Thiamine hydrochloride, Ph. Eur. grade

Thiamine, also known as vitamin B1, is an essential micronutrient needed for carbohydrate metabolism. This product is the hydrochloric salt form of thiamine.

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