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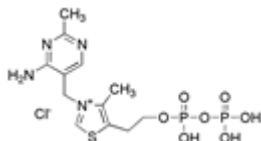
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 00461

Product **Thiamine pyrophosphate**

Thiamine pyrophosphate chloride

Coccarboxylase

CAS Number 154-87-0

Molecular Formula C₁₂H₁₉ClN₄O₇P₂S

Molecular Weight 460.77

Appearance White or off-white powder

Anion Chloride (Cl) : 7.5 - 7.9%
Free phosphate (PO₄) : ≤ 1%
Sulphate (SO₄) : ≤ 0.01%

pH 1.0 - 1.4

Infrared Spectrum Conforms to structure

Loss on Drying ≤ 1.5% (130 °C)

Related Substances Related substances : ≤ 1.5%
Thiamine monophosphoric acid ester hydrochloride : ≤ 1.5%
Thiamine hydrochloride : ≤ 0.5%

Purity by HPLC ≥ 98% (Anhydrous basis)

Storage Store at 0 - 8 °C

For Laboratory Use Only