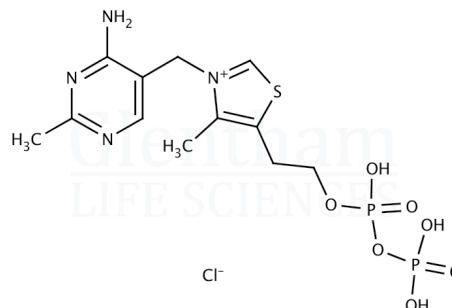


## Product Specification

|               |                        |
|---------------|------------------------|
| Product Name  | Thiamine pyrophosphate |
| Glentham Code | GV8106                 |
| CAS Number    | 154-87-0               |
| EINECS        | 205-836-1              |
| MDL Number    | MFCD00038740           |
| PubChem SID   | 310280854              |

|                   |                            |
|-------------------|----------------------------|
| Molecular Weight  | 460.77                     |
| Molecular Formula | $C_{12}H_{19}ClN_4O_7P_2S$ |
| Storage Temp.     | -20°C                      |



| Property             | Specification              |
|----------------------|----------------------------|
| Physical Description | White to off-white powder  |
| Identification       | To pass test for chlorides |
| Identification (IR)  | To conform to standard     |
| pH (10% in water)    | 1.0 - 1.4                  |
| Water (KF)           | ≤ 2.0%                     |
| Purity (HPLC)        | ≥ 95.0%                    |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.1       |
| Date Created          | - 2024-11-27 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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