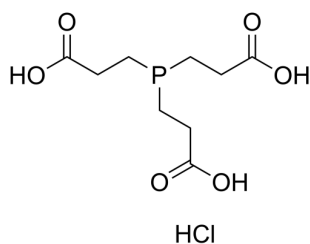


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | TCEP (hydrochloride) |
| Cat. No.: | 1034385 |
| CAS No.: | 51805-45-9 |
| Molecular Formula: | C ₉ H ₁₆ ClO ₆ P |
| Molecular Weight: | 286.65 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|--|
| Batch No.: | Lc0827016 |
| Storage: | 2-8°C, protect from light, stored under nitrogen |
| Test Date: | 2019-08-27 |
| Retest Date: | 2022-08-26 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to light yellow (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai