



Certificate of Analysis

| | |
|--------------|----------------------|
| Product Name | Vilanterol trifenate |
| Catalog No. | V4946 |
| Batch No. | V494601 |

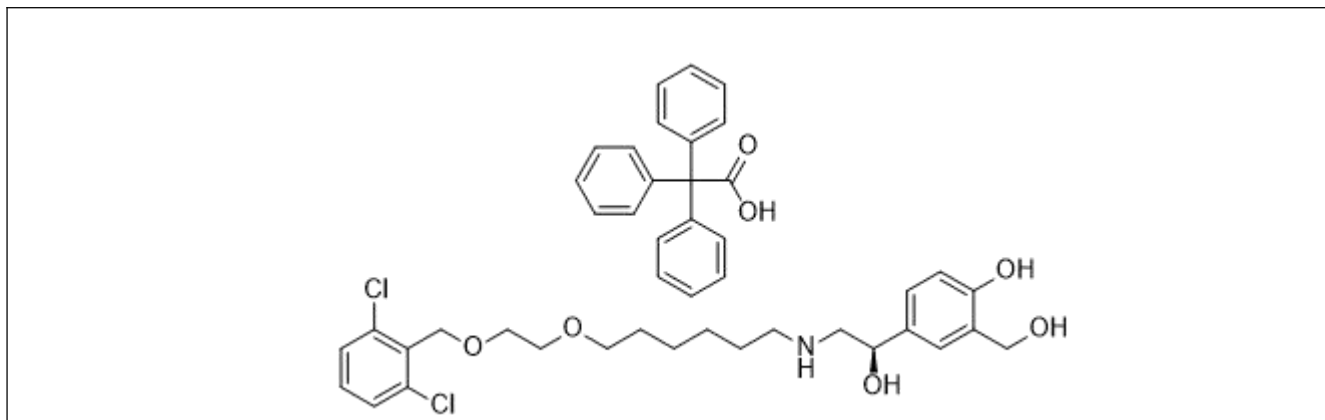
1. Physical and Chemical Properties

| | |
|-------------------|--|
| Appearance | Powder |
| Molecular Formula | C ₄₄ H ₄₉ Cl ₂ NO |
| Molecular Weight | 774.776 |
| Purity | ≥98% |
| CAS No. | 503070-58-4 |
| Production Date | 01/25/2023 |

2. Analytical Data

| | |
|---------------|---------------------------|
| HPLC | Indicates ≥98% purity |
| NMR | Consistent with structure |
| Mass Spectrum | Consistent with structure |

3. Structure



4. Storage Condition

| | |
|----------------------------|--|
| Short term storage (weeks) | 0 - 4 °C under dry condition for six weeks |
| Long term storage (months) | -20 °C under dry condition for two years |

Products are for research use only • Not for human or veterinary use