Inhibitors



Certificate of Analysis

trans-Permethrin

Cat. No.: HY-W588212 CAS No.: 61949-77-7 Batch No.: 319812

Chemical Name: Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, (3-phenoxyphenyl) methyl e

ster, (1R,3S)-rel-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{21}\mathsf{H}_{20}\mathsf{Cl}_2\mathsf{O}_3$ **Molecular Weight:** 391.29

Storage: Powder -20°C 3 years

> 4°C 2 years

In solvent -80°C 6 months

> -20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.88%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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