Updated Date: 2026-11-21

# Product Specifications

## CAT#31913 *Ethyl(3R,4S,5S)4,5-Epoxy-3-(1-ethylpropoxy)cyclohex-1-ene-1-carboxylate*

Product : Ethyl(3R,4S,5S)4,5-Epoxy-3-(1-ethylpropoxy)cyclohex-1-ene-1-carboxylate

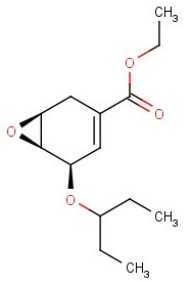
CAS No : 204254-96-6

Catalog Number : 31913

Formula : C14H22O4

Molecular Weight : 254.32

Structure:



| Test | Specification |
|---|---|
| Appearance | White to brown powder |
| Purity | NLT 98% |
| Assay(on dried basis) | 98.0~102.0% |
| Total impurities | NMT 2.0% |
| Any individual impurity | NMT 0.7% |
| Shikimic acid | NMT 0.15% |
| Diol impurity | NMT 1.0% |
| Dihydroxybenzoate impurity | NMT 0.5% |
| Mesyl impurity | NMT 0.5% |
| Diastereomer impurity | NMT 0.15% |
| Heavy metals | NMT 0.002% |
| Residue of ignition | NMT 0.5% |
| Specific Optical Rotation | -38.0°~-48.0° |
| Loss on drying | NMT 0.5% |
| Identification(IR) | The Infrared absorption spectrum of sample is concordant with he standard spectrum |
| Storage conditions | Dry,Seal place. |

*If you have any comments and suggestions, please contact us by sales@capot.com

*This document is for reference only. For product specifications and related materials, please refer to the final official documents confirmed by our company.*

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