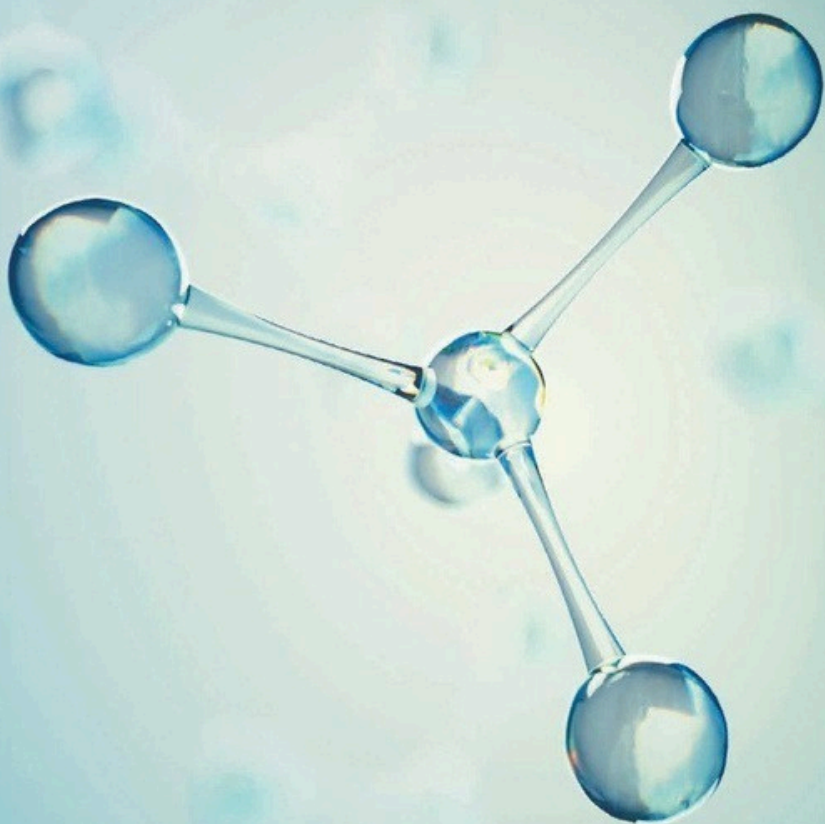


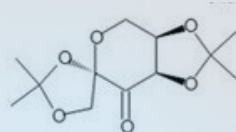
D-EPOXONE



Summit Pharmaceuticals Europe

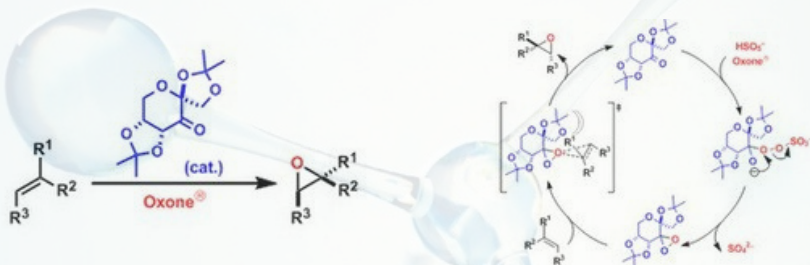
D-EPOXONE

ShiAsymmetricEpoxidation Catalyst

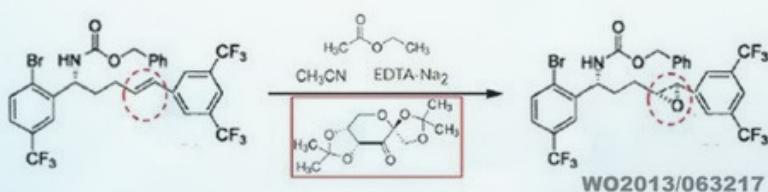
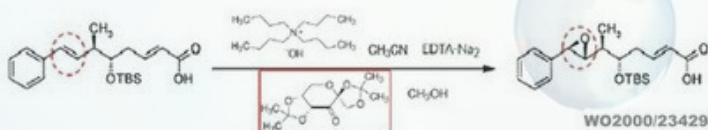


Item	D-Epoxone
CAS	18422-53-2
Appearance	White powder
Purity (GC)	NLT 99.0 area %
Specific rotation	$-122.0 \pm 1.5^\circ$
Melting point	$102 \sim 106^\circ\text{C}$
Applications	Asymmetric Epoxidation
Capacity	$\sim 1 \text{ t / year}$
Competitiveness	Very effective in the asymmetric epoxidation of <u>transalkenes</u>

Representative Reactions



Used in various API synthesis processes



D-EPOXONE

ShiAsymmetricEpoxidation Catalyst

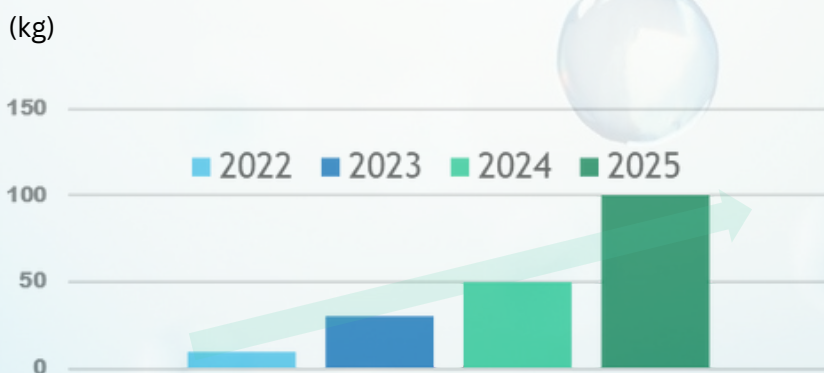
STRENGTHS

- Good reactivity.
- Reaction at room temperature in 5~6 hours
- Can be used without functional group restrictions
- No need for metal complexes

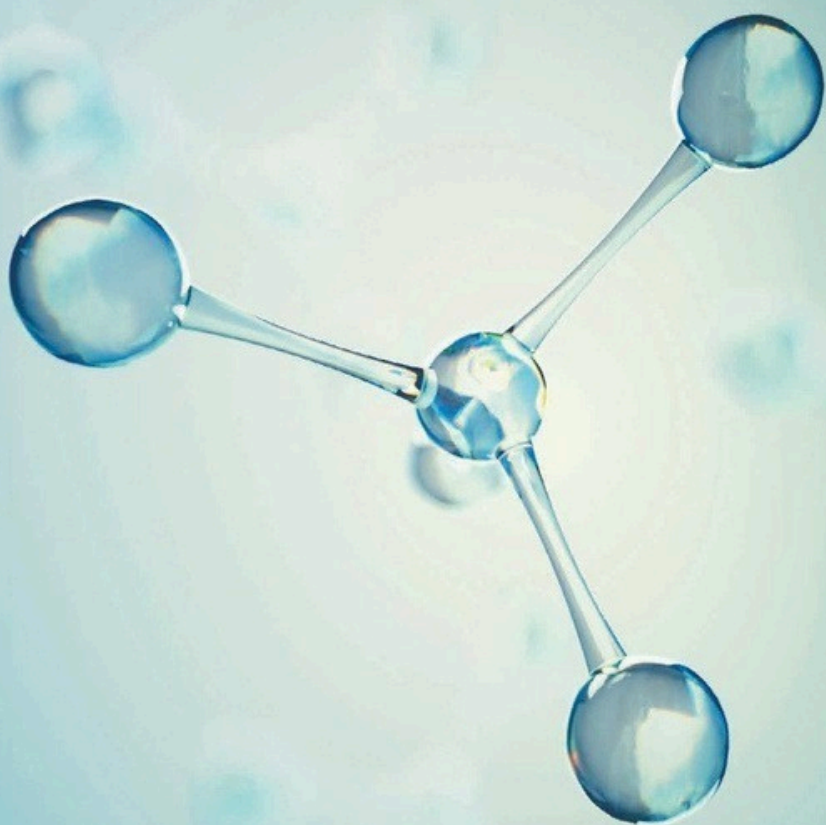
SANKYO KASEI'S PROCESS STRENGTHS

- Heavy metal-free
- Green chemistry manufacturing
- Efficient production
- Capable of mass production (~1t/year)

Demand is on the rise



Sales results of Sankyo Kasei



 **SPE**

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