

Rexar Technical Compound Datasheet

Product Name: (−)-Di-p-toluoyl-L-tartaric Acid

Chemical Name: (−)-Di-p-toluoyl-L-tartaric acid

CAS Number: 32634-66-5

PubChem CID: 122178

Synonyms:

- (−)-Di-p-toluoyl-L-tartaric acid
- L-Di-p-toluoyl tartaric acid
- (−)-DTTA

Chemical Information

Molecular Formula: C₂₀H₁₈O₈

Molecular Weight: 386.35 g/mol

IUPAC Name: (2R,3R)-2,3-bis[(4-methylbenzoyl)oxy]butanedioic acid

SMILES: CC1=CC=C(C=C1)C(=O)OC@HC@HC(=O)O

InChIKey: QZQKJQGZFFWQJZ-UHFFFAOYSA-N

Appearance: White to off-white crystalline powder

Solubility: Slightly soluble in water; soluble in common organic solvents

Applications

- Chiral resolving agent for enantiomeric separation
- Analytical reference for stereochemical studies
- Method development for chiral chromatographic techniques
- Evaluation of optical purity and enantiomeric excess under laboratory conditions

Storage & Handling

Storage Temperature: 15–25 °C

Environment: Dry, cool, and protected from light

Handling: Use standard laboratory safety procedures

Packaging: Delivered in sealed containers for laboratory use only

Additional Notes

- Offered exclusively as a technical compound for analytical purposes
- No health, nutritional, or consumer claims are associated with this product
- For detailed chemical data, visit: PubChem CID 122178