

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
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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
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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](#)