

Rexar Technical Compound Datasheet

Product Name:

trans-ISRIB

Chemical Name:

trans-ISRIB

CAS Number:

1597403-47-8

PubChem CID:

1011240

Synonyms:

- trans-ISRIB
- ISRIB
- trans ISRIB

Chemical Information

Molecular Formula

C₂₂H₂₀Cl₂N₄O₂

Molecular Weight

471.33 g/mol

IUPAC Name

(1R,2R)-1,2-bis(4-chlorophenyl)-N,N'-[(cyclohexane-1,4-diyl)bis(methylene)]bis(glyoxylamide)

SMILES

C1CCC(CC1NCC(=O)NC(C2=CC=C(C=C2)Cl)C(C3=CC=C(C=C3)Cl)NC(=O)CN)CN

InChIKey

WZKBAZLAFJZKMQ-UHFFFAOYSA-N

Appearance

White to off-white powder

Solubility

Soluble in DMSO and ethanol; limited solubility in water

Applications

- Analytical reference material for laboratory workflows
 - Chromatographic and spectrometric method development (e.g. HPLC, LC-MS)
 - Physicochemical property testing and structural verification
 - Comparative analysis and laboratory investigation of substituted amide compounds*
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Storage & Handling

Storage Temperature

Store in a cool, dry, dark place at 2–8 °C

Handling

Handle in accordance with laboratory safety protocols

Packaging

Supplied in sealed, research-grade containers

Additional Notes

- This compound is offered solely for scientific and technical research
- Not intended for human or veterinary use
- See full compound data at PubChem CID 1011240