

Rexar Technical Compound Datasheet

Product Name: Dihexa

Chemical Name: N-hexanoic-Tyr-Ile-hexyl ester

CAS Number: 1401708-83-5

PubChem CID: [129010512](#)

Synonyms:

- Dihexa
- N-hexanoic-Tyr-Ile-hexyl ester
- N-hexanoyl-L-tyrosyl-L-isoleucine hexyl ester

Chemical Information

Molecular Formula C₂₇H₄₄N₄O₅

Molecular Weight 504.66 g/mol

IUPAC Name N-hexanoyl-L-tyrosyl-L-isoleucine hexyl ester

SMILES CCCCC(=O)NC(Cc1ccc(O)cc1)C(=O)NC@@HC(=O)OCCCCC

InChIKey ZRKJYYXZDDUKKC-YFUXFQBZSA-N

Appearance Off-white to white solid (batch-dependent)

Solubility Soluble in DMSO, ethanol; low water solubility

Applications

- Research compound in neurotrophic signaling studies
- Analytical standard for peptide-mimetic compound profiling
- Used in controlled lab assays related to cognitive pathway exploration

Storage & Handling

Storage Temperature Store between 2–8 °C (refrigerated)

Environment Protect from light and moisture

Handling Use appropriate PPE and lab protocols

Packaging Sealed under inert conditions in lab-grade vials

Additional Notes

- Supplied exclusively for laboratory and analytical use
- Not intended for human or veterinary applications
- Refer to [PubChem CID 129010512](#) for detailed structural data