

Rexar Technical Compound Datasheet

Dihexa | CAS 1401708-83-5 | Revision 01 September 2026

1. Product identification

Product name	Dihexa
CAS number	1401708-83-5
PubChem CID	129010512
Preferred chemical name	N-(1-Oxohexyl)-L-tyrosyl-N-(6-amino-6-oxohexyl)-L-isoleucinamide
IUPAC name	(2S,3S)-N-(6-amino-6-oxohexyl)-2-[[[(2S)-2-(hexanoylamino)-3-(4-hydroxyphenyl)propanoyl]amino]-3-methylpentanamide
Synonyms	PNB-0408; Hexanoyl-Tyr-Ile-Ahx-NH2

2. Chemical information

Molecular formula	C27H44N4O5
Molecular weight	504.66 g/mol
Canonical/isomeric SMILES	<chem>CCCCC(=O)N[C@@H](CC1=CC=C(C=C1)O)C(=O)N[C@@H]([C@@H](C)CC)C(=O)NCCCCC(=O)N</chem>
InChIKey	XEUVNVNAVKZSPT-JTJYXVOQSA-N
Physical form	Solid; commonly supplied as a white to off-white powder.

3. Intended use

Chemical reference material / technical compound for laboratory, analytical and professional research applications.

Not intended for human or veterinary use, food, supplements, cosmetics, diagnostic use or therapeutic use.

4. Storage and handling

Recommended storage	Store refrigerated at 2-8 C, tightly closed, dry and protected from light.
Handling	Use standard laboratory hygiene and appropriate personal protective equipment. Avoid generating or breathing dust and avoid contact with skin and eyes.
Safety information	Refer to the current Rexar Safety Data Sheet for Dihexa.
Batch information	Batch/lot information and any batch-specific specification are provided on the product label and/or applicable batch documentation. This datasheet does not constitute a batch-specific Certificate of Analysis.

Reference identity data: PubChem CID 129010512. Safety classification and storage conditions are addressed in the accompanying SDS.

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