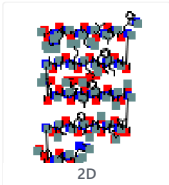


COMPOUND SUMMARY

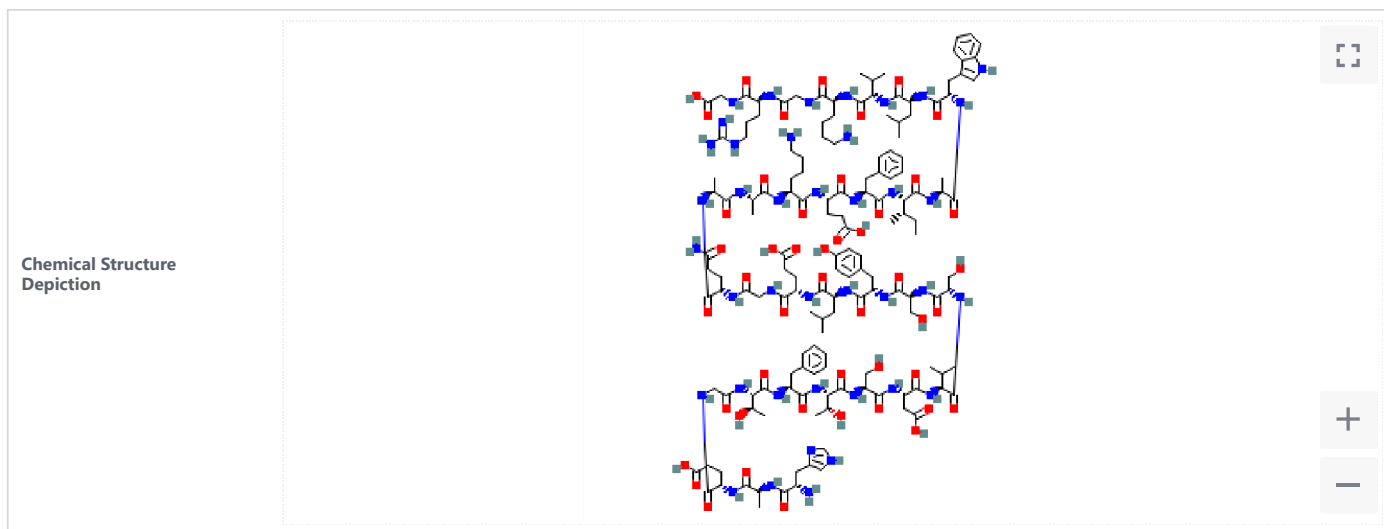
Glucagon-like Peptide-1 (7-37)

PubChem CID	16133830
Structure	 2D Find Similar Structures
Molecular Formula	<chem>C151H228N40O47</chem>
Synonyms	CID 16133830 GLP-1 (7-37) peptide GLP-1 (7-37) human DTXSID50147676 Glucagon-like Peptide-1 (7-37) More...
Molecular Weight	3355.7
Dates	Modify 2023-02-25 Create 2007-07-04

1 Structures



1.1 2D Structure



► PubChem

1.2 3D Status



Conformer generation is disallowed since too many atoms, too flexible

► PubChem

2 Biologic Description

SVG Image

IUPAC Condensed	H-His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys-Gly-Arg-Gly-OH
Sequence	HAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG
PLN	H-HAEGTFTSDVSSYLEGQAAKEFIAWLVKGRG-OH
HELM	PEPTIDE1{H.A.E.G.T.F.T.S.D.V.S.S.Y.L.E.G.Q.A.A.K.E.F.I.A.W.L.V.K.G.R.G)\$\$\$\$
IUPAC	L-histidyl-L-alanyl-L-alpha-glutamyl-glycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L-alpha-aspartyl-L-valyl-L-seryl-L-seryl-L-tyrosyl-L-leucyl-L-alpha-glutamyl-glycyl-L-glutaminy-L-alanyl-L-alanyl-L-lysyl-L-alpha-glutamyl-L-phenylalanyl-L-isoleucyl-L-alanyl-L-tryptophyl-L-leucyl-L-valyl-L-lysyl-glycyl-L-arginyl-glycine

 [PubChem](#)

Computed by OEChem 2.3.0 (PubChem release 2021.05.07)

[► PubChem](#)

3.2 Molecular Formula



C151H228N40O47

Computed by PubChem 2.1 (PubChem release 2021.05.07)

[► PubChem](#)

3.3 Other Identifiers



3.3.1 CAS



106612-94-6

[► EPA DSSTox](#)

3.3.2 DSSTox Substance ID



DTXSID50147676

[► EPA DSSTox](#)

3.4 Synonyms



3.4.1 MeSH Entry Terms



GLP-1 (7-37)
GLP-1(7-37)
GLP-I (7-37)
glucagon-like peptide 1 (7-37)
glucagon-like peptide I (7-37)
glucagon-like-peptide-1 (7-37)
tGLP-1

[► Medical Subject Headings \(MeSH\)](#)

3.4.2 Depositor-Supplied Synonyms



CID 16133830
GLP-1 (7-37) peptide
GLP-1 (7-37) human
DTXSID50147676
Glucagon-like Peptide-1 (7-37)
AKOS025142102
1450806-98-0
GLP-1 (7-37)
Glucagon like peptide 1 fragment 7-37 (human)
GLP-1(7-37) acetate(106612-94-6 free base)
Glucagon-Like Peptide 1 Fragment 7-37 human, >=96% (HPLC)
H-HIS-ALA-GLU-GLY-THR-PHE-THR-SER-ASP-VAL-SER-SER-TYR-LEU-GLU-GLY-GLN-ALA-ALA-LYS-GLU-PHE-ILE-ALA-TRP-LEU-VAL-LYS-GLY-ARG-GLY-OH

[► PubChem](#)

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