



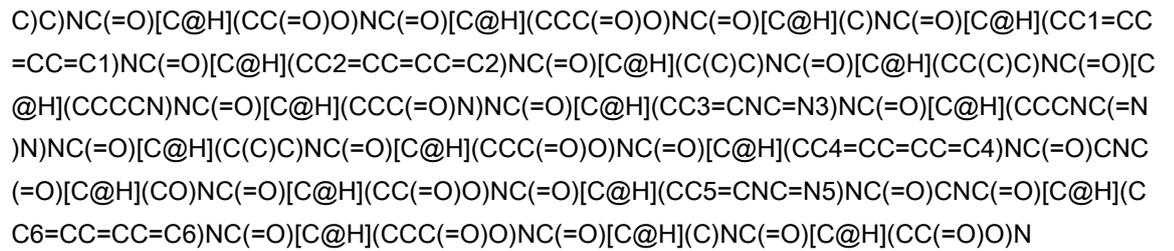
propan-2-yl]amino]-3-(1H
 -imidazol-4-yl)-1-oxopropan-2-yl]amino]
 -2-oxoethyl]amino]-1-oxo-3-phenylpropan-2-yl]amino]-4-[[[(2S)-2-[[[(2S
)-2-amino-3-carboxypropanoyl]amino]propanoyl]amino]-5-oxopentanoic acid

InChI InChI=1S/C199H307N53O59S/c1-28-105(20)161(191(303)216-91-146(261)223-127(72-97(4)5)179(291)233-126(67-71-312-27)177(289)245-155(99(8)9)189(301)214-86-142(257)210-87-148(263)244-157(101(12)13)194(306)249-160(104(18)19)195(307)252-162(106(21)29-2)196(308)222-111(26)198(310)311)251-197(309)163(107(22)30-3)250-166(278)108(23)219-143(258)88-211-168(280)119(56-43-45-68-200)229-184(296)135(81-141(204)256)239-188(300)139(94-254)226-147(262)92-215-190(302)156(100(10)11)246-187(299)137(83-154(274)275)240-175(287)124(61-65-150(266)267)228-165(277)110(25)221-178(290)131(76-114-52-39-33-40-53-114)237-181(293)132(77-115-54-41-34-42-55-115)242-193(305)159(103(16)17)248-186(298)128(73-98(6)7)235-171(283)120(57-44-46-69-201)230-173(285)122(59-63-140(203)255)231-183(295)134(79-117-85-208-96-218-117)238-172(284)121(58-47-70-209-199(205)206)234-192(304)158(102(14)15)247-176(288)125(62-66-151(268)269)232-180(292)130(75-113-50-37-32-38-51-113)224-144(259)90-213-170(282)138(93-253)243-185(297)136(82-153(272)273)241-182(294)133(78-116-84-207-95-217-116)225-145(260)89-212-169(281)129(74-112-48-35-31-36-49-112)236-174(286)123(60-64-149(264)265)227-164(276)109(24)220-167(279)118(202)80-152(270)271/h31-42, 48-55, 84-85, 95-111, 118-139, 155-163, 253-254H, 28-30, 43-47, 56-83, 86-94, 200-202H2, 1-27H3, (H2, 203, 255)(H2, 204, 256)(H, 207, 217)(H, 208, 218)(H, 210, 257)(H, 211, 280)(H, 212, 281)(H, 213, 282)(H, 214, 301)(H, 215, 302)(H, 216, 303)(H, 219, 258)(H, 220, 279)(H, 221, 290)(H, 222, 308)(H, 223, 261)(H, 224, 259)(H, 225, 260)(H, 226, 262)(H, 227, 276)(H, 228, 277)(H, 229, 296)(H, 230, 285)(H, 231, 295)(H, 232, 292)(H, 233, 291)(H, 234, 304)(H, 235, 283)(H, 236, 286)(H, 237, 293)(H, 238, 284)(H, 239, 300)(H, 240, 287)(H, 241, 294)(H, 242, 305)(H, 243, 297)(H, 244, 263)(H, 245, 289)(H, 246, 299)(H, 247, 288)(H, 248, 298)(H, 249, 306)(H, 250, 278)(H, 251, 309)(H, 252, 307)(H, 264, 265)(H, 266, 267)(H, 268, 269)(H, 270, 271)(H, 272, 273)(H, 274, 275)(H, 310, 311)(H4, 205, 206, 209)/t105-, 106-, 107-, 108-, 109-, 110-, 111-, 118-, 119-, 120-, 121-, 122-, 123-, 124-, 125-, 126-, 127-, 128-, 129-, 130-, 131-, 132-, 133-, 134-, 135-, 136-, 137-, 138-, 139-, 155-, 156-, 157-, 158-, 159-, 160-, 161-, 162-, 163-/m0/s1

InChI Key HAWSUONKNKRLRH-QSLPLQOHS-A-N

Canonical SMILES CCC(C)C(C(=O)NC(C(C)CC)C(=O)NCC(=O)NC(CC(C)C)C(=O)NC(CCSC)C(=O)NC(C(C)C)C(=O)NCC(=O)NC(C(C)C)C(=O)NC(C(C)C)C(=O)NC(C(C)C)C(=O)NC(C(C)CC)C(=O)NC(C)C(=O)O)NC(=O)C(C)NC(=O)CNC(=O)C(CCCCN)NC(=O)C(CC(=O)N)NC(=O)C(CO)NC(=O)CNC(=O)C(C(C)C)NC(=O)C(C(=O)O)NC(=O)C(CCC(=O)O)NC(=O)C(C)NC(=O)C(CC1=CC=CC=C1)NC(=O)C(CC2=CC=CC=C2)NC(=O)C(C(C)C)NC(=O)C(CC(C)C)NC(=O)C(CCCCN)NC(=O)C(CCC(=O)N)NC(=O)C(CC3=CNC=N3)NC(=O)C(CCCNC(=N)N)NC(=O)C(C(C)C)NC(=O)C(CCC(=O)O)NC(=O)C(CC4=CC=CC=C4)NC(=O)CNC(=O)C(CO)NC(=O)C(CC(=O)O)NC(=O)C(CC5=CNC=N5)NC(=O)CNC(=O)C(CC6=CC=C6)NC(=O)C(CCC(=O)O)NC(=O)C(C)NC(=O)C(CC(=O)O)N

Isomeric SMILES CC[C@H](C)[C@@H](C(=O)N[C@@H]([C@@H](C)CC)C(=O)NCC(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](CCSC)C(=O)N[C@@H](C(C)C)C(=O)NCC(=O)NCC(=O)N[C@@H](C(C)C)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H]([C@@H](C)CC)C(=O)N[C@@H](C)C(=O)O)NC(=O)[C@H](C)NC(=O)CNC(=O)[C@H](CCCN)NC(=O)[C@H](CC(=O)N)NC(=O)[C@H](CO)NC(=O)CNC(=O)[C@H](C



Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Amyloid b-peptide (1-42) (rat) can be studied as a valuable tool for research purposes, findings obtained from studies using this peptide should be interpreted within the broader context of Alzheimer's disease research.
Storage	Store at -20°C, and keep desiccated.