



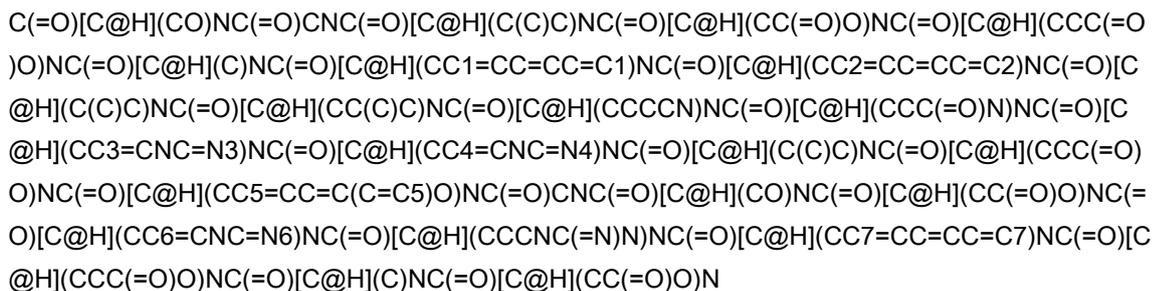
-imidazol-4-
yl)-1-oxopropan-2-yl]am
ino]-5-carbamimidamido-1-oxopentan-2-yl]amin
o]-1-oxo-3-phenylpropan-2-yl]amino]-4-[[[(2S)-2-[[[(2S
)-2-amino-3-carboxypropanoyl]amino]propanoyl]amino]-5-oxopentanoic acid

InChI InChI=1S/C194H295N53O58S/c1-25-102(19)158(188(299)211-87-143(256)218-124(67-94(3)4)174(285)228-123(62-66-306-24)172(283)241-152(96(7)8)186(297)209-83-140(253)206-84-145(258)240-154(98(11)12)191(302)245-157(101(17)18)193(304)305)247-192(303)159(103(20)26-2)246-162(273)104(21)215-141(254)85-207-164(275)116(47-36-38-63-195)223-181(292)133(77-139(199)252)234-185(296)137(90-249)220-144(257)88-210-187(298)153(97(9)10)242-184(295)135(79-151(269)270)235-170(281)121(56-60-147(261)262)222-161(272)106(23)217-173(284)127(69-107-41-30-27-31-42-107)231-177(288)129(71-109-45-34-29-35-46-109)237-189(300)156(100(15)16)244-183(294)125(68-95(5)6)229-166(277)117(48-37-39-64-196)224-168(279)119(54-58-138(198)251)226-178(289)130(73-111-80-202-91-212-111)233-180(291)132(75-113-82-204-93-214-113)238-190(301)155(99(13)14)243-171(282)122(57-61-148(263)264)227-175(286)126(72-110-50-52-114(250)53-51-110)219-142(255)86-208-165(276)136(89-248)239-182(293)134(78-150(267)268)236-179(290)131(74-112-81-203-92-213-112)232-167(278)118(49-40-65-205-194(200)201)225-176(287)128(70-108-43-32-28-33-44-108)230-169(280)120(55-59-146(259)260)221-160(271)105(22)216-163(274)115(197)76-149(265)266/h27-35, 41-46, 50-53, 80-82, 91-106, 115-137, 152-159, 248-250H, 25-26, 36-40, 47-49, 54-79, 83-90, 195-197H2, 1-24H3, (H2, 198, 251)(H2, 199, 252)(H, 202, 212)(H, 203, 213)(H, 204, 214)(H, 206, 253)(H, 207, 275)(H, 208, 276)(H, 209, 297)(H, 210, 298)(H, 211, 299)(H, 215, 254)(H, 216, 274)(H, 217, 284)(H, 218, 256)(H, 219, 255)(H, 220, 257)(H, 221, 271)(H, 222, 272)(H, 223, 292)(H, 224, 279)(H, 225, 287)(H, 226, 289)(H, 227, 286)(H, 228, 285)(H, 229, 277)(H, 230, 280)(H, 231, 288)(H, 232, 278)(H, 233, 291)(H, 234, 296)(H, 235, 281)(H, 236, 290)(H, 237, 300)(H, 238, 301)(H, 239, 293)(H, 240, 258)(H, 241, 283)(H, 242, 295)(H, 243, 282)(H, 244, 294)(H, 245, 302)(H, 246, 273)(H, 247, 303)(H, 259, 260)(H, 261, 262)(H, 263, 264)(H, 265, 266)(H, 267, 268)(H, 269, 270)(H, 304, 305)(H4, 200, 201, 205)/t102-, 103-, 104-, 105-, 106-, 115-, 116-, 117-, 118-, 119-, 120-, 121-, 122-, 123-, 124-, 125-, 126-, 127-, 128-, 129-, 130-, 131-, 132-, 133-, 134-, 135-, 136-, 137-, 152-, 153-, 154-, 155-, 156-, 157-, 158-, 159-/m0/s1

InChI Key FEWOUVRMGWFWIH-ILZZQXMPSA-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)O)NC(=O)C(C)NC(=O)C(CCCCN)NC(=O)C(CC(=O)N)NC(=O)C(CO)NC(=O)CNC(=O)C(C(C)C)NC(=O)C(CC(=O)O)NC(=O)C(CCC(=O)O)NC(=O)C(C(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(C(C)C)NC(=O)C(CCCCN)NC(=O)C(CCC(=O)N)NC(=O)C(CC3=CNC=N3)NC(=O)C(CC4=CNC=N4)NC(=O)C(C(C)C)NC(=O)C(CCC(=O)O)NC(=O)C(CC5=CC=C(C=C5)O)NC(=O)CNC(=O)C(CO)NC(=O)C(CC(=O)O)NC(=O)C(CC6=CNC=N6)NC(=O)C(CCCNC(=N)N)NC(=O)C(CC7=CC=CC=C7)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)O)NC(=O)[C@H](C)NC(=O)CNC(=O)[C@H](CCCN)NC(=O)[C@H](CC(=O)N)N



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 (1-40) (human) can be studied as a valuable tool for research purposes.
Storage	Store at -20°C, and keep desiccated.