

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN ALBIGLUTIDE
 PRONUNCIATION al bi gloo' tide
 THERAPEUTIC CLAIM Treatment of type 2 diabetes

CHEMICAL NAMES

1. Albugon, a recombinant human glucagon-like peptide 1-albumin protein
2. ([8-glycine]human glucagon-like peptide 1-(7-36)-peptidyl)([8-glycine]human glucagon-like peptide 1-(7-36)-peptidyl)(human serum albumin (585 residues))

STRUCTURAL FORMULA

HGEGTFTSDV	SSYLEGQAAK	EFIAWLVKGR	HGEGTFTSDV	SSYLEGQAAK	50
EFIAWLVKGR	DAHKSEVAHR	FKDLGEENFK	ALVLIAFAQY	LQQCPFEDHV	100
KLVNEVTEFA	KTCVADESAE	NCDKSLHTLF	GDKLCTVATL	RETYGEMADC	150
CAKQEPERNE	CFLQHKDDNP	NLPRLVRPEV	DVMCTAFHDN	EETFLKKYLY	200
EIARRHPYFY	APELLFFAKR	YKAAFTECCQ	AADKAACLLP	KLDELRLDEGK	250
ASSAKQRLKC	ASLQKFGERA	FKAWAVARLS	QRFPKAEFAE	VSKLVTDLTK	300
VHTECCHGDL	LECADDRADL	AKYICENQDS	ISSKLKECCE	KPPLKSHCI	350
AEVENDEMPA	DLPSLAADFV	ESKDVCKNYA	EAKDVFLGMF	LYEYARRHPD	400
YSVLLLLRLA	KTYETTLEKC	CAAADPHECY	AKVFDEFKPL	VEEPQNLIKQ	450
NCELFEQLGE	YKFQNALLVR	YTKKVPQVST	PTLVEVSRNL	GKVGSKCCKH	500
PEAKRMPCAE	DYLSVVLNQL	CVLHEKTPVS	DRVTKCCTES	LVNRRPCFSA	550
LEVDETYVPK	EFNAETFTFH	ADICTLSEKE	RQIKKQTALV	ELVKHKPKAT	600
KEQLKAVMDD	FAAFVEKCCK	ADDKETCFAE	EGKKLVAASQ	AALGL	645

Disulfide bridges location

113-122	135-151	150-161	184-229	228-237	260-306	305-313	325-339	338-349
376-421	420-429	452-498	497-508	521-537	536-547	574-619	618-627	

MOLECULAR FORMULA $C_{3232}H_{5032}N_{864}O_{979}S_{41}$

MOLECULAR WEIGHT 72,971.4

TRADEMARK None as yet

MANUFACTURER GlaxoSmithKline

CODE GSK716155

CAS REGISTRY NUMBER 782500-75-8