

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN VANUTIDE CRIDIFICAR
 PRONUNCIATION van' ue tide kri dif i kar
 THERAPEUTIC CLAIM Treatment of Alzheimer's disease

CHEMICAL NAMES

1. Diphtheria toxin CRM₁₉₇ (synthetic *Corynebacterium diphtheriae*), thioether with L- α -aspartyl-L-alanyl-L- α -glutamyl-L-phenylalanyl-L-arginyl-L-histidyl-L- α -aspartyl-L-cysteine
2. inactivated diphtheria toxin (carrier) covalently linked to human beta-amyloid protein 42 short fragments: pentadecakis[N ^{δ} -Lys-(sulfanylacetyl)]-[52-glutamic acid(G>E)]diphtheria toxin *Corynebacterium diphtheriae* thioether with an amino terminal fragment of human beta-amyloid protein 42-peptidylcysteine

STRUCTURE

GADDVVDSSK	SFVMENFSSY	HGTPKPGYVDS	IQKGIQKPKS	GTQGNYYDDDW	50
KEFYSTDNKY	DAAGYSVDNE	NPLSGKAGGV	VKVTPYGLTK	VLALKVDNAE	100
TIKKELGLSL	TEPLMEQVGT	EEFIKRFGDG	ASRVVLSLPF	AEGSSSVVEYI	150
NNWEQAKALS	VELEINFETR	GKRGQDAMYE	YMAQACAGNR	VRRSVGSSLS	200
CINLDWDVIR	DKTKTKIESL	KEHGPIKNKM	SESPNKTVSE	EKAKQYLEEF	250
HQTALEHPEL	SELKTVTGTN	PVFAGANYAA	WAVNVAQVID	SETADNLEKT	300
TAALSILPGI	GSMVGIADGA	VHHNTEEIVA	QSIALSSLMV	AQAIPLVGEL	350
VDIGFAAYNF	VESIINLFQV	VHNSYNRPAY	SPGHKTQPFL	HDGYAVSWNT	400
VEDSIIRTGF	QGESHGDIKI	TAENTPLPIA	GVLLPTIPGK	LDVNSKSTHI	450
SVNGRKIRMR	CRAIDGDVTF	CRPKSPVYVG	NGVHANLHVA	FHRSSSEKIH	500
SNEISSDSIG	VLGYQKTVDH	TKVNSKLSLF	FEIKS		535

K (-Lys-)

15 out of 39 are modified

H- Asp- Ala- Glu- Phe- Arg- His- Asp- NH

Disulfide bridges location
 186-201 461-471

MOLECULAR WEIGHT 64 – 78 kDa
 TRADEMARK None
 MANUFACTURER Wyeth
 CODE DESIGNATION ACC-001
 CAS REGISTRY NUMBER 886584-10-7