

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN TANEZUMAB
 PRONUNCIATION ta nez' oo mab
 THERAPEUTIC CLAIM Treatment of pain

CHEMICAL NAMES

1. Immunoglobulin G2, anti-(human nerve growth factor) (human-mouse monoclonal RN624 heavy chain), disulfide with human-mouse monoclonal RN624 light chain, dimer
2. Immunoglobulin G2, anti-(human nerve growth factor) humanized mouse monoclonal RN624 [Lys⁷¹,Ser³³⁰,Ser³³¹] γ 2 heavy chain (135-214')-disulfide with κ light chain (223-223":224-224":227-227":230-230")-tetrakisdisulfide dimer

STRUCTURAL FORMULA

Heavy chain gamma 2

QVQLQESGPG	LVKPSSETLSL	TCTVSGFSLI	GYDLNWIRQP	PGKGLEWIGI	50
IWGDGTTDYN	SAVKSRVTIS	KDTSKNQFSL	KLSSVTAADT	AVYYCARGGY	100
WYATSYFYFDY	WGQGLVTVS	SASTKGPSVF	PLAPCSRSTS	ESTAALGCLV	150
KDYFPEPVTV	SWNSGALTSG	VHTFPAVLQS	SGLYSLSSVV	TVPSSNFGTQ	200
TYTCNVDHKP	SNTKVDKVE	RKCCVECPC	PAPPVAGPSV	FLFPPKPKDT	250
LMISRTPEVT	CVVVDVSHED	PEVQFNWYVD	GVEVHNAKTK	PREEQFNSTF	300
RVVSVLTVVH	QDWLNGKEYK	CKVSNKGLPS	SIEKTISKTK	GQPREPQVYT	350
LPPSREEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTTTPMLDS	400
DGSFFLYSKL	TVDKSRWQQG	NVFSCSVMHE	ALHNHYTQKS	LSLSPGK	447

Light chain kappa

DIQMTQSPSS	LSASVGDRVT	ITCRASQGIS	NNLNWYQQKP	GKAPKLLIYY	50'
TSRFHSGVPS	RFGSGSGTD	FTFTISLQP	EDIATYYCQQ	EHTLPYTFGQ	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVCCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges location

22-95	22"-95"	23'-88'	23'''-88'''	134'-194'	134'''-194'''
135-214'	135"-214'"	148-204	148"-204"	223-223"	224-224"
227-227"	230-230"	261-321	261"-321"	367-425	367"-425"

MOLECULAR FORMULA $C_{6464}H_{9942}N_{1706}O_{2026}S_{46}$

MOLECULAR WEIGHT 145.4 kDa

TRADEMARK None as yet

MANUFACTURER Pfizer

CODE DESIGNATION RN624, PF-4383119

CAS REGISTRY NUMBER 880266-57-9