

June 25, 2014

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (BC-31) ENFORTUMAB  
PRONUNCIATION en fort' ue mab  
THERAPEUTIC CLAIM Treatment of cancers expressing Nectin-4

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human nectin-4) (human monoclonal AGS-22C3 heavy chain), disulfide with human monoclonal AGS-22C3 light chain, dimer
2. Immunoglobulin G1-kappa, anti-(human PVRL4 (poliovirus receptor-related 4, nectin 4)), human monoclonal antibody  $\gamma$ 1 heavy chain (1-447) [human VH (IGHV3-48\*02 (98%) –IGHJ6\*01) [8.8.10] (1-117) –IGHG1\*03 (118-447)], (220-214')-disulfide with  $\kappa$  light chain (1'-214') [human V-KAPPA (IGKV1D-12\*01 (97%) –IGKJ4\*01) [6.3.9] (1'-107') –IGKC\*03 (108'-214')], dimer (226-226":229-229")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVQPGGSLRL	SCAASGFTFS	SYNMNWRQA	PGKGLEWVSY	50
ISSSSSTIYY	ADSVKGRFTI	SRDNAKNSLS	LQMNSLRDED	TAVYYCARAY	100
YYGMDVWGQG	TTVTVSSAST	KGPSVPLAP	SSKSTSGGTA	ALGCLVKDYF	150
PEPVTVSWNS	GALTSGVHTF	PAVLQSSGLY	SLSSVVTVPS	SSLGTQTYIC	200
NVNHKPSNTK	VDKRVEPKSC	DKHTCPCPC	APELLGGPSV	FLFPPKPKDT	250
LMISRTPEVT	CVVVDVSHED	PEVKFNWYVD	GVEVHNAKTK	PREEQYNSTY	300
RVVSVLTVHL	QDWLNGKEYK	CKVSNKALPA	PIEKTISKAK	GQPREPQVYT	350
LPPSREEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTTTPVLDS	400
DGSFFLYSKL	TVDKSRWQQG	NVDFCSVMHE	ALHNHYTQKS	LSLSPGK	447

Light chain

DIQMTQSPSS	VSASVGRVTV	ITCRASQGIS	GWLAWYQQKP	GKAPKFLIYA	50'
ASTLQSGVPS	RFSGSGSGTD	F'LTLISSLQP	EDFATYYCQQ	ANSFPPTFGG	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSLSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges location

22-96	22"-96"	23'-88'	23'''-88'''	134'-194'	134'''-194'''	144-200	144"-200"
214'-220	214'''-220'''	226-226"	229-229"	261-321	261"-321"	367-425	367"-425"

Glycosylation sites (N)

Asn-297 Asn-297"

MOLECULAR FORMULA  $C_{6370}H_{9860}N_{1698}O_{2003}S_{46}$  (protein)  
MOLECULAR WEIGHT 143.8 kDa (protein)  
TRADEMARK None as yet  
SPONSOR Seattle Genetics Inc.

ENFORTUMAB

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CODE DESIGNATIONS

AGS-22C3

CAS REGISTRY NUMBER

1448664-46-7

UNII

U1HUE4W970

gbk