

September 28, 2016

## STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (CD-167)	EFIZONERIMOD
PRONUNCIATION	ef'' i zoe ner' i mod
THERAPEUTIC CLAIM	Antineoplastic

## CHEMICAL NAMES

1. Immunoglobulin G4 [10-proline] (human heavy chain Fc fragment) fusion protein with tumor necrosis factor receptor-associated factor TRAF2 (human C-C domain fragment) fusion protein with CD252 antigen (human extracellular domain fragment), hexamer
2. Modified human immunoglobulin G4 Fc fragment (1-229) [*Homo sapiens* IGHG4\*01 del-CH1, [10-proline (S>P)]Hinge] fusion protein with human TNF receptor-associated factor 2-(310-349)-peptide (230-269) fusion protein with des-(1-50)-human tumor necrosis factor ligand superfamily member 4 (CD252 antigen) (270-402), glycosylated, produced in CHO cells, hexamer

## STRUCTURAL FORMULA

## Monomer sequence

ESKYGPPCPP	CPAPEFLGGP	SVFLFPPKPK	DTLMISRTPE	VTCVVVDVSQ	50
EDPEVQFNWY	VDGVEVHNAK	TKPREEQFN <u>S</u>	TYRVVSVLTV	LHQDWLNGKE	100
YKCKVSNKGL	PSSIEKTISK	AKGQPREPQV	YTLPPSQEEM	TKNQVSLTCL	150
VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	DSDGSFFLYS	RLTVDKSRWQ	200
EGNVFSCSVM	HEALHNHYTQ	KLSLSL <b>SLGKD</b>	QDKIEALSSK	VQQLERSIGL	250
KDLAMADLEQ	KVLEME <b>EASTQ</b>	VSHRYPRIQS	IKVQFTEYKK	EKGFILTSQK	300
EDEIMKVQ <u>NN</u>	SVIINCDGFY	LISLKGYFSQ	EVN <u>ISLHYQK</u>	DEEPLFQLKK	350
VRSVNSLMVA	SLTYKDKVYL	<u>NVTTDNTSLD</u>	DFHVNGGELI	LIHQNPGEFC	400
VL					402

## Disulfide bridges location

	11-	43-	149-	316-
8-8'	11'	103	207	400

Glycosylation sites (N)

Asn-79 Asn-309 Asn-333 Asn-371 Asn-376

MOLECULAR FORMULA  $C_{2037}H_{3184}N_{532}O_{626}S_{15}$  (peptide monomer)

MOLECULAR WEIGHT 300 kDa (glycosylated hexamer)

TRADEMARK None as yet

SPONSOR	MedImmune
CODE DESIGNATIONS	MEDI6383
<u>CAS</u> REGISTRY NUMBER	1635395-27-5
UNII	1MH7C2X8KE
WHO NUMBER	10417
SCS	