

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN

RILONACEPT

PRONUNCIATION

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THERAPEUTIC CLAIM

Treatment of rheumatoid arthritis,
autoinflammatory diseases, and osteoarthritis

CHEMICAL NAMES

- 1) Interleukin 1 receptor accessory protein (human extracellular domain fragment) fusion protein with type I interleukin 1 receptor (human extracellular domain fragment) fusion protein with immunoglobulin G1 (human Fc fragment), homodimer
- 2) [653-glycine][human interleukin-1 receptor accessory protein-(1-339)-peptide (extracellular domain fragment) fusion protein with human type I interleukin-1 receptor-(5-316)-peptide (extracellular domain fragment) fusion protein with human immunoglobulin G1-(229 C-terminal residues)-peptide (Fc fragment)] dimer

STRUCTURAL FORMULA

Monomer sequence

SERCDDWGLD	TMRQIQVFED	EPARIKCLPF	EHFLKFNYSY	AHSAGLTLIW	50
YWTRQDRDLE	EPINFRLPEN	RISKEKDVLW	FRPTLLNDTG	NYTCMLRNTT	100
YCSKVAFFLE	VVQKDSCFNS	PMKLPVHKLY	IEYGIQRITC	PNVDGYFPSS	150
VKPTITWYMG	CYKIQNFNNV	IPEGMNLSTL	IALISNNGNY	TCVVVYPENG	200
RTFHLTRTLT	VKVVGSPKNA	VPPVIHSPND	HVVYEKEPGE	ELLIPCTVYF	250
SFLMDSRNEV	WWTIDGKKPD	DITIDVTINE	SISHSRTEDE	TRTQILSIKK	300
VTSEDLKRSY	VCHARSAKGE	VAKAAKVKQK	VPAPRYTVEK	CKEREKIIIL	350
VSSANEIDVR	PCPLNPNEHK	GTITWYKDDS	KTPVSTEQAS	RIHQHKEKLW	400
FVPAKVEDSG	HYYCVVRNSS	YCLRKISAK	FVENEPNLCY	NAQAIFKQKL	450
PVAGDGGLVC	PYMEFFKNEN	NELPKLQWYK	DCKPLLLDNI	HFSGVKDRLI	500
VMNVAEKHRG	NYTCHASYTY	LGKQYPITRV	IEFITLEENK	PTRPVIWSPA	550
NETMEVDLGS	QIQLICNVTG	QLSDIAYWKW	NGSVIDEDDP	VLGEDYYSVE	600
NPANKRRSTL	ITVLNISEIE	SRFYKHPFTC	FAKNTHGIDA	AYIQLIYPVT	650
NSGDKTHTCP	PCPAPELLGG	PSVFLFPPKP	KDTLMISRTP	EVTCVVVDVS	700
HEDPEVKFNW	YVDGVEVHNA	KTKPREEQYN	STYRVVSVLT	VLHQDWLNGK	750
EYKCKVSNKA	LPAPIEKTIS	KAKGQPREPQ	VYTLPPSRDE	LTKNQVSLTC	800
LVKGFYPSDI	AVEWESNGQP	ENNYKTTPPV	LDSDGSFFLY	SKLTVDKSRW	850
QQGNVFSCSV	MHEALHNHYT	QKSLSLSPGK			

Disulfide bridges location

4-102	4'-102'	27-94	27'-94'	117-161	117'-161'	140-192	140'-192'	246-312
246'-312'	341-422	341'-422'	362-414	362'-414'	439-482	439'-482'	460-514	460'-514'
566-630	566'-630'	659-659'	662-662'	694-754	694'-754'	800-858	800'-858'	

Nomenclature Statement
RILONACEPT
Page 2

MOLECULAR FORMULA

$C_{9030}H_{13932}N_{2400}O_{2670}S_{74}$

MOLECULAR WEIGHT

201.21 kDa

TRADEMARK

Unknown as yet

MANUFACTURER

Regeneron Pharmaceuticals, Inc.

CODE DESIGNATIONS

IL-1 Trap, Interleukin-1 Trap

CAS REGISTRY NUMBER

501081-76-1