

May 31, 2000

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN (LL-29)	ALEFACEPT
PRONUNCIATION	a le' fa sept
THERAPEUTIC CLAIM	treatment of plaque psoriasis

CHEMICAL NAMES

- (1) 1-92-LFA-3 (antigen) (human) fusion protein with immunoglobulin G<sub>1</sub> (human hinge-C<sub>H</sub>2-C<sub>H</sub>3  $\gamma$ 1-chain), dimer
- (2) 1-92-antigen LFA 3 (human) fusion protein with human immunoglobulin G 1 (hinge-C<sub>H</sub>2-C<sub>H</sub>3  $\gamma$ 1-chain), dimer

STRUCTURAL FORMULA

(See page 2)

MOLECULAR WEIGHT	36,235 to 36,837 Daltons
TRADEMARK	Unknown as yet
MANUFACTURER	Biogen, Inc.
CODE DESIGNATIONS	BG9712; LFA3TIP; BG9273
<u>CAS</u> REGISTRY NUMBER	222535-22-0
WHO NUMBER	8059

NOTE: The trivial name, recombinant human LFA-3/IgG<sub>1</sub> fusion protein, has been used to identify this substance.

SF

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STRUCTURAL FORMULA (amino acid sequence)

FSQIYGVVY	GNVTFHVPSN	VPLKEVLWKK	QKDKVAELEN
SEFRAFSSFK	NRVYLDTVSG	SLTIYNLTSS	DEDEYEMESP
NITDTMKFFL	YVDKTHTCP	CPAPPELLGGP	SVFLFPPKPK
DTLMISRTPE	VTCVVVDVSH	EDPEVKFNWY	VDGVEVHNAK
TKPREEQYNS	TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKAL
PAPIEKTISK	AKGQPREPQV	YTLPPSRDEL	TKNQVSLTCL
VKGFYPSDIA	VEWESNGQPE	NNYKTPPVL	DSDGSFFLYS
KLTVDKSRWQ	QGNVFSCSVM	HEALHNHYTQ	KSLSLSPGK or DSNLWN

For the homodimer fusion protein, the intrachain disulfide bonds are Cys 133-Cys 193 and Cys 239-Cys 297; the interchain disulfide bonds are Cys 98 and Cys 101.