

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-212) ZELPULTIDE ALFA
PRONOUNCIATION zel pul' tide al' fa
THERAPEUTIC CLAIM Treatment of Bronchopulmonary Dysplasia (BPD)

CHEMICAL NAME

Pulmonary surfactant-associated protein D (human recombinant GlycoExpress myeloma cell homotrimeric quadraplex AT-100) (Source: CAS)

STRUCTURAL FORMULA

Heavy chain

MLLFLLSALV	LLTQPLGYLE	AEMKTYSHRT	MPSACTLVMC	SSVESGLPGR	50
DGRDGRGPR	GEKGDPLPG	AAGQAGMPGQ	AGPVGPKGDN	GSVGEPPKPG	100
DTGPSGPPGP	PGVPPGAGRE	GPLGKQGNIG	PQGKPGPKGE	AGPKGEVGP	150
GMQGSAGARG	LAGPKGERGV	PERGVPGNT	GAAGSAGAMG	PQGSFGARGP	200
PGLKGDGKIP	GDKGAKGESG	LPDVASLRQQ	VEALQGQVQH	LQAAFSQQYK	250
VELFPNGQSV	GEKIFKTAGF	VKPFTEAQLL	CTQAGGQLAS	PRSAEAENAL	300
QQLVVAKNEA	AFLSMTDSKT	EGKFTYPTGE	SLVYSNWAPG	EPNDDGGSED	350
CVEIFTNGKW	NDRACGEKRL	VVCEF			375

Disulfide bridges

35-40 281-373 351-365

Glycosylation sites (K)

63 87 99 138 144 165 204 213 216

Glycosylation sites (N)

90

Glycosylation sites (P)

48 66 69 78 96 108 111 114 135 150
171 177 195 201 210 222

MOLECULAR FORMULA $C_{1634}H_{2598}N_{476}O_{523}S_{14}$ (peptide only)

MOLECULAR WEIGHT 37.72 kDa

TRADEMARKS None yet

SPONSOR Airway Therapeutics, Inc.

CODE DESIGNATION AT-100

CAS REGISTRY NUMBER 2245003-06-7

UNII 96HS6QEW3X

WHO NUMBER 12179

SCS