

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN

PEGSITICASE

PRONUNCIATION

pej-sit-ic-ase

THERAPEUTIC CLAIM

hyperuricemia

CHEMICAL NAME

1. Oxidase, urate (synthesized from *Candida utilis*), homotetramer, compd. with poly(oxy-1,2-ethanediy

2. [198-threonine(S>T)]uricase (EC 1.7.3.3, urate oxidase) *Pichia jadinii* (Yeast) (*Candida utilis*) tetramer, carbamates with α -carboxy- ω -methoxypoly(oxyethylene)

RESCINDED

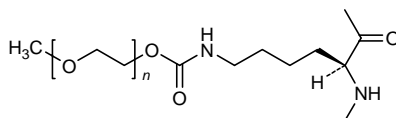
STRUCTURAL FORMULA

Monomer

MSTTLSSSTY	GKDNVKFLKV	KKDPQNPCKQ	EVMEATVTCL	LEGGFDTSYT	50
EADNSSIVPT	DTVKNTILVL	AKTTEIWPIE	RFAAKLATHF	VEKYSHVSGV	100
SVKIVQDRWV	KYAVDGKPHD	HSFIHEGGEK	RITDLYYKRS	GDYKLSSAIK	150
DLTVLKSTGS	MFYGYNKCDF	TTLQPTTDRI	LSTDVDATWV	WDNKKIGTVY	200
DIAKAADKGI	FDNVYNQARE	ITLTTFALEN	SPSVQATMFN	MATQILEKAC	250
SVYSVSYALP	NKHVFLIDLK	WKGLENDNEL	FYPSPHPNGL	IKCTVVRKEK	300
TKL					303

Modified residues /

K
an average of x out of 32 are
pegylated lysines



MOLECULAR FORMULA

C₁₅₄₁H₂₄₀₆N₃₉₆O₄₆₅S₉ (peptide monomer)

TRADEMARK

None as yet

SPONSOR

Enzyme Rx

CODE DESIGNATION

Uricase-PEG 20

CAS REGISTRY NUMBER

1040753-26-1

NOTE: The adopted name *pegsiticase* (N10/78) has been rescinded and replaced by adopted name *pegadricase* (N10/160). Please see the adoption statement for *pegadricase*. (This *pegsiticase* statement previously superseded adopted name *pegsitacase* (N10/16) and the adoption of *pegsitacase* was rescinded.)