

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN PEGLOTICASE
 PRONUNCIATION peg loe' ti kase
 THERAPEUTIC CLAIM Treatment failure gout
 CHEMICAL NAMES

- Oxidase, urate (synthetic *Sus scrofa* variant pigKS-ΔN subunit), homotetramer, amide with α-carboxy-ω-methoxypoly(oxy-1,2-ethanediyl)
- des-(1-6)-[7-threonine,46-threonine,291-lysine,301-serine]uricase (EC 1.7.3.3, urate oxidase) *Sus scrofa* (pig) tetramer, non acetylated, carbamates with α-carboxy-ω-methoxypoly(oxyethylene)

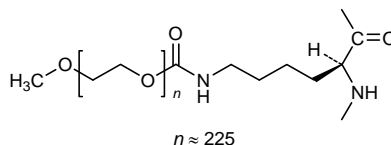
STRUCTURAL FORMULA

Peptide monomer

TYKK	NDEVEFVRTG	YGKDMIKVLH	IQRDGKYHSI	KEVATTVQLT	50
LSSKKDYLHG	DNSDVIPTDT	IKNTVNVLAK	FKGIKSIETF	AVTICEHFLS	100
SFKHVIRAQV	YVEEVPWKRF	EKNGVKHVHA	FIYTPTGTHF	CEVEQIRNGP	150
PVIHSGIKDL	KVLKTTQSGF	EGFIKQFTT	LPEVKDRCFA	TQVYCKWRYH	200
QGRDVFDFEAT	WDTVRSIVLQ	KFAGPYDKGE	YSPSVQKTLY	DIQVLTGQV	250
PEIEDMEISL	PNIHYNIDM	SKMGLINKEE	VLLPLDNPYG	KITGTVKRL	300
SSRL					304

Modified residues

Approximately 9 out of the 30 potential K
 9-10-23-27-36-41-54-55-72-80
 82-85-103-118-122-126-158-161-164-175
 185-196-221-228-237-272-278-291-297-299



MOLECULAR FORMULA C₁₅₄₉H₂₄₃₀N₄₀₈O₄₄₈S₈ (peptide monomer)
 MOLECULAR WEIGHT 497 kDa (polymer-modified tetramer)
 TRADEMARK None as yet
 MANUFACTURER Savient Pharmaceuticals, Inc.
 CODE DESIGNATION None
 CAS REGISTRY NUMBER 885051-90-1