

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN Asparaginase *Erwinia chrysanthemi*

THERAPEUTIC CLAIM Treatment of acute lymphoblastic leukemia (ALL)

CHEMICAL NAMES

1. Asparaginase (*Dickeya chrysanthemi* subunit)
2. L-asparaginase (EC 3.5.1.1, L-asparagine amidohydrolase) *Erwinia chrysanthemi* tetramer α_4
3. L-asparaginase amidohydrolase EC 3.5.1.1 is a bio-therapeutic enzyme derived from *Erwinia chrysanthemi*, a gram-negative bacterium belonging to the Enterobacteriaceae family

STRUCTURAL FORMULA

Monomer / Monomère / Monómero

ADKLPNIVIL	ATGGTIAGSA	ATGTQTTGYK	AGALGVDTLI	NAVPEVKKLA	50
NVKGEQFSNM	ASENMTGDVV	LKLSQRVNEL	LARDDVDGVV	ITHGTDVVEE	100
SAYFLHLTVK	SDKPVVFVAA	MRPATAISAD	GPMNLEAVR	VAGDKQSRGR	150
GVMVVLNDRI	GSARYITKTN	ASTLDTFKAN	EEGYLGVIIIG	NRIYYQNRID	200
KLHTTRSVFD	VRGLTSLPKV	DILYGYQDDP	EYLYDAAIQH	GVKGIYVAGM	250
GAGSVSVRGI	AGMRKAMEKG	VVVIRSTRTG	NGIVPPDEEL	PGLVSDSLNP	300
AHARILLMLA	LTRTSDPKVI	QEYFHTY			327

MOLECULAR FORMULA $C_{1546}H_{2510}N_{432}O_{476}S_9$ (monomer)

MOLECULAR WEIGHT 140 kDa (tetramer)

TRADEMARK Erwinase[®]
Erwinaze[™]

SPONSOR EUSA Pharma (USA), Inc.

CAS REGISTRY NUMBER 1349719-22-7

INN crisantaspase