

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL:

USAN	IBOCTADEKIN
PRONUNCIATION	ib ok'' ta de' kin
THERAPEUTIC CLAIM	treatment of disseminated solid tumors

CHEMICAL DESCRIPTIONS

- 1) human interleukin-18 (recombinant, expressed in *Escherichia coli*)
- 2) Purified iboctadekin is a recombinant human cytokine, interleukin-18 (IL-18) belonging to the IL-1 family, also known as interferon- $\gamma$ -inducing factor (IGIF), expressed in a non-pathenogenic strain of *Escherichia coli*. Iboctadekin, consisting of 157 amino acids, is formed *in vivo* following the activation of proIL-18 by caspase-4 and consists of a single polypeptide chain that is not glycosylated. The protein contains four cysteine residues present as free sulfhydryl groups.

STRUCTURAL FORMULA

YFGKLESKLS VIRNLNDQVL FIDQGNRPLF EDMTSDCRD  
NAPRTIFIIS MYKDSQPRGM AVTISVKCEK ISTLSZENKI  
ISFKEMNPPD NIKDTKSDII FFQRSVPGHD NKMQFESSY  
EGYFLACEKE RDLFKLILKK EDELGDRSIM FTVQNE

MOLECULAR FORMULA	$C_{801}H_{1264}N_{212}O_{252}S_{10}$
MOLECULAR WEIGHT	18217
TRADEMARK	Unknown as yet
MANUFACTURER	GlaxoSmithKline
CODE DESIGNATION	SB-485232
<u>CAS</u> REGISTRY NUMBER	479198-61-3

NOTE: This Statement of Adoption supercedes the Statement of Adoption for iboctadekin dated April 28, 2004 and indicates a change in the chemical description, molecular formula, and molecular weight.