

July 31, 2013

## STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (AB-118)

LIXISENATIDE

PRONUNCIATION

lix' i sen' a tide

THERAPEUTIC CLAIM

Treatment of type 2 diabetes

## CHEMICAL NAMES

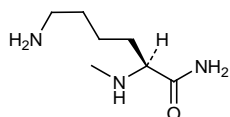
1. L-Lysinamide,L-histidylglycyl-L-glutamylglycyl-L-threonyl-L-phenylalanyl-L-threonyl-L-seryl-L- $\alpha$ -aspartyl-L-leucyl-L-seryl-L-lysyl-L-glutaminyll-L-methionyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L- $\alpha$ -glutamyl-L-alanyl-L-valyl-L-arginyl-L-leucyl-L-phenylalanyl-L-isoleucyl-L- $\alpha$ -glutamyl-L-tryptophyl-L-leucyl-L-lysyl-L-asparaginyllglycylglycyl-L-prolyl-L-seryl-L-serylglycyl-L-alanyl-L-prolyl-L-prolyl-L-seryl-L-lysyl-L-lysyl-L-lysyl-L-lysyl-L-lysyl-
2. des-36-proline-exendine-4 (*Heloderma suspectum*)-(1-39)-peptidylpenta-L-lysyl-L-lysineamide

## STRUCTURAL FORMULA

Amino acid sequence

HGEGTFTSDL SKQMEEEEAVR LFI EWLNKGG PSSGAPPSKK KKKK 44

Modified residue

K  
44

C-terminal-L-lysineamide

MOLECULAR FORMULA

C<sub>215</sub>H<sub>347</sub>N<sub>61</sub>O<sub>65</sub>S

MOLECULAR WEIGHT

4858 Da

TRADEMARK

None as yet

SPONSOR

Sanofi

CODE DESIGNATIONS

AVE0010

CAS REGISTRY NUMBER

320367-13-3

WHO NUMBER

8970

SCS