



**STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)**

Substance: Macugen® (Pegaptanib sodium injection)

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

Controlled   
Not Controlled

under the schedules of the *Controlled Drugs and Substances Act* (CDSA) for the following reason(s):

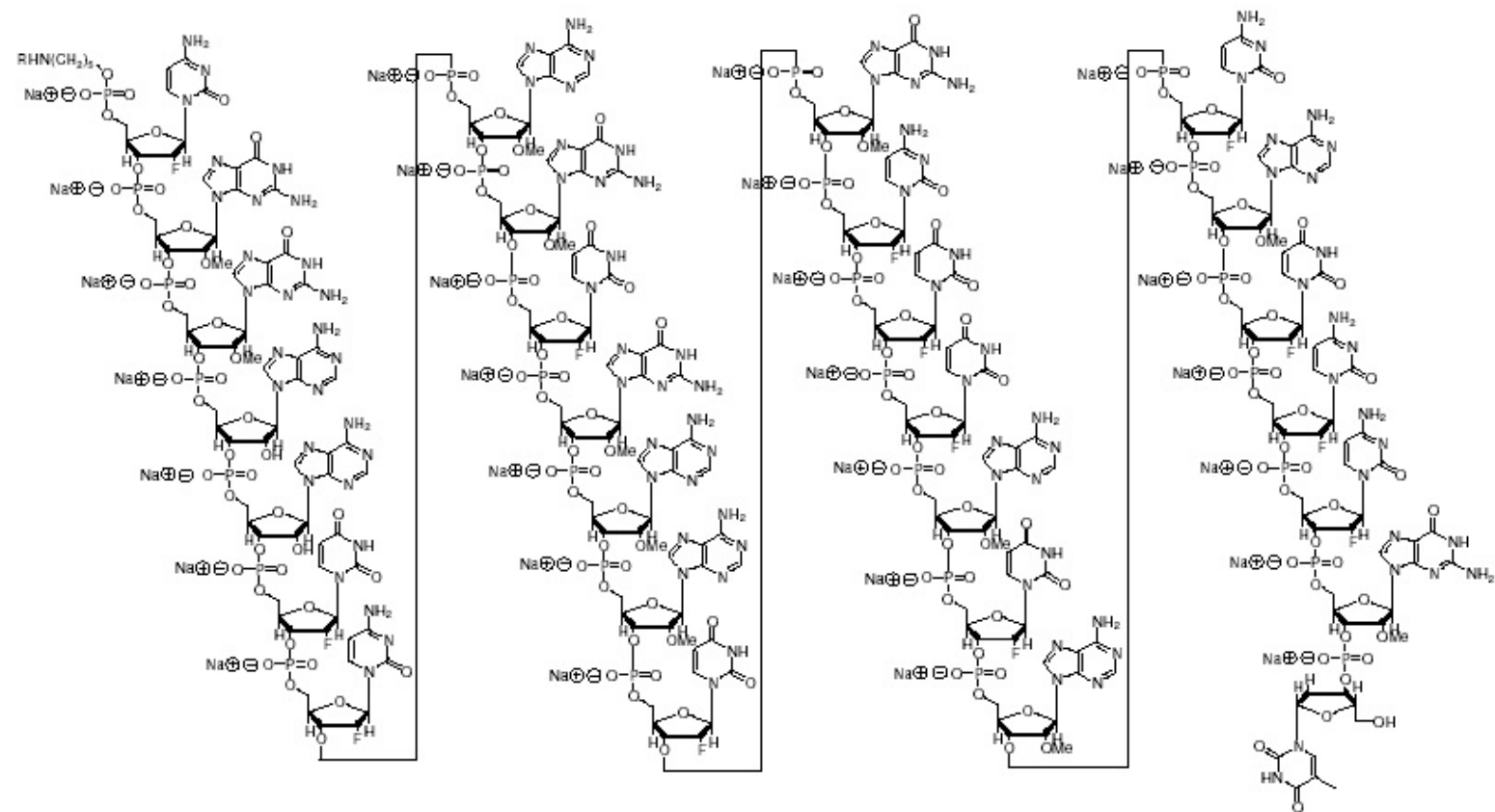
- the substance is not listed in the schedules of the CDSA and can not be considered to belong to any family or group listed in the schedules.

Supporting document(s) attached:

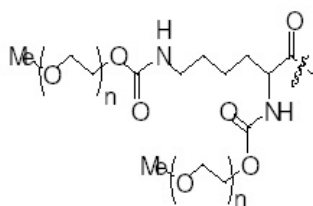
Prepared by: Ian Grimwood Date: \_\_\_\_\_

Verified by: See email RICHARD LAING Date: \_\_\_\_\_

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES



Where R is



and n is approximately 450.

The chemical name for pegaptanib sodium is as follows: RNA, ((2'-deoxy-2'-fluoro)C-G<sub>m</sub>-G<sub>m</sub>-A-A-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)C-A<sub>m</sub>-G<sub>m</sub>-(2'-deoxy-2'-fluoro)U-G<sub>m</sub>-A<sub>m</sub>-A<sub>m</sub>-(2'-deoxy-2'-fluoro)U-G<sub>m</sub>-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)U-A<sub>m</sub>-(2'-deoxy-2'-fluoro)U-A<sub>m</sub>-(2'-deoxy-2'-fluoro)C-A<sub>m</sub>-(2'-deoxy-2'-fluoro)U-(2'-deoxy-2'-fluoro)C-(2'-deoxy-2'-fluoro)C-G<sub>m</sub>-(3'→3')-dT), 5'-ester with α,α'-[4,12-dioxo-6-[[[5-(phosphonoxy)pentyl]amino]carbonyl]-3,13-dioxo-5,11-diaza-1,15-pentadecanediyl]]bis[ω-methoxypoly(oxy-1,2-ethanediyl)], sodium salt.