

## Pegaptanib sodium

## Chemical Properties

CAS No. : 222716-86-1

Formula:

Molecular Weight:

Pegaptanib (sodium)

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Pegaptanib sodium, an RNA aptamer specifically targeting vascular endothelial growth factor (VEGF)-165, holds great promise for investigating neovascular age-related macular degeneration (AMD).
Targets(IC50)	Others, VEGFR
In vitro	Pegaptanib impedes the VEGF165-induced phosphorylation of VEGFR2 and phospholipase Cy, and also obstructs VEGF165-triggered calcium mobilization in human umbilical vein endothelial cells[1].

## Reference

Eugene W M Ng, et al. Pegaptanib, a targeted anti-VEGF aptamer for ocular vascular disease. Nat Rev Drug Discov. 2006 Feb;5(2):123-32.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481