

Title (en)  
DNAZYMES AND METHODS FOR TREATING RESTENOSIS

Title (de)  
DNAZYME UND VERFAHREN ZUR BEHANDLUNG VON RESTENOSEN

Title (fr)  
DNAZYMES ET METHODES DE TRAITEMENT DE LA RESTENOSE

Publication  
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Application  
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Abstract (en)  
[origin: WO0009672A1] This application provides a DNAzyme which specifically cleaves c-myc mRNA, comprising a 15-nucleotide catalytic domain and two binding domains, one binding domain contiguous with the 5' end of the catalytic domain and the other binding domain contiguous with the 3' end of the catalytic domain. This invention also provides a pharmaceutical composition for inhibiting the onset of restenosis, which comprises the instant DNAzyme and a pharmaceutically acceptable carrier suitable for topical administration. This invention further provides an angioplastic stent for inhibiting the onset of restenosis, which comprises an angioplastic stent operably coated with a prophylactically effective dose of the instant pharmaceutical composition. Finally, this invention provides methods for inhibiting the onset of restenosis in a subject undergoing angioplasty, which comprises topically administering either the instant pharmaceutical composition or angioplastic stent to the subject.

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