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(71) Applicant (for DE only): **ROCHE DIAGNOSTICS GMBH** [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(71) Applicant (for all designated States except DE, US): **F.HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HEINDL, Dieter** [DE/DE]; Sternstr. 4, 82396 Paehl (DE).

(74) Common Representative: **ROCHE DIAGNOSTICS GMBH**; c/o Hildebrandt, Martin, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).

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(54) Title: POLYNUCLEOTIDE LABELLING REAGENT

(57) Abstract: The present invention provides a new labelling reagent for preparing modified oligonucleotides and processes for their production wherein these oligonucleotides contain at least once the structure P = N - SO₂ - Benzole - L - M - X, characterized in that L is either - (CH₂)_n - or Polyethylenglycol, M is selected from a group consisting of - NH - , - O - , - S - , and - COO - , and X is either a protecting group or a detectable unit. L is preferably either - (CH₂)_n - or Polyethylenglycol.

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