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(21) International Application Number: PCT/EP96/05867 (22) International Filing Date: 30 December 1996 (30.12.96) (30) Priority Data: 196 00 301.6 5 January 1996 (05.01.96) DE (71) Applicant (for all designated States except US): DONATUR DR. KEREK GMBH [DE/DE]; Gardinistrasse 30, D-81375 Munich (DE). (72) Inventor; and (75) Inventor/Applicant (for US only): KEREK, Franz [DE/DE]; Gardinistrasse 30, D-81375 Munich (DE). (74) Agents: KOLB, Helga et al.; Hoffmann, Eitle & Partner, Arabellastrasse 4, D-81925 Munich (DE).		(81) Designated States: AL, AU, AZ, BA, BG, BR, BY, CA, CN, CZ, EE, GE, HU, IL, JP, KR, LT, LV, MK, MX, NZ, PL, RO, RU, SG, SI, SK, TM, TR, UA, US, VN, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: MACROCYCLIC COMPOUNDS MADE FROM SUBOXIDE UNITS (57) Abstract Bioregulatory active substances with macrocyclic structural frame which is synthesized from carbon suboxide by cyclooligomerization and additional formation of macroring structures are specified. These active substances are used as such and/or as stable adducts with other known substances. The characterization of these active substances are described as well as their organic and inorganic derivatives, methods for their synthetic production, their isolation and purification. The application of these active substances for enzyme regulation and bioregulation, medicinal compositions containing these active substances as well as their use in diagnostics and therapy is also described.		