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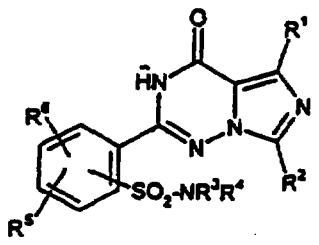
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Before expiry of the period provided for amending the claims, will be republished if such amendments are received.

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(54) Title: 2-PHENYL SUBSTITUTED IMIDAZOTRIAZINONES AS PHOSPHODIESTERASE INHIBITORS

(54) Bezeichnung: 2-PHENYL-SUBSTITUIERTE IMIDAZOTRIAZINONE ALS PHOSPHODIESTERASE INHIBITOREN



(I)

(57) Abstract

The invention relates to 2-phenyl substituted imidazotriazinones with short, unbranched alkyl radicals in position 9 in accordance with general formula (I). Said 2-phenyl substituted imidazotriazinones are produced from the corresponding 2-phenyl imdazotriazinones by chlorosulphonation and subsequent reaction with the amines. These compounds inhibit cGMP-metabolising phosphodiesterases and are suitable for use as the active agents in medicaments for treating cardiovascular and cerebrovascular diseases and/or diseases of the urogenital system, especially for treating erectile dysfunction.

(57) Zusammenfassung

Die 2-Phenyl-substituierten Imidazotriazinone mit kurzen, unverzweigten Alkylresten in der 9-Position gemäß der allgemeinen Formel (I) werden aus den entsprechenden 2-Phenyl-imidazotriazinonen durch Chlorsulfonierung und anschließender Umsetzung mit den Aminen hergestellt. Die Verbindungen hemmen cGMP-metabolisierende Phosphodiesterasen und eignen sich als Wirkstoffe in Arzneimitteln, zur Behandlung von cardiovaskulären und cerebrovaskulären Erkrankungen und/oder Erkrankungen des Urogenitalsystems, insbesondere zur Behandlung der erektilen Dysfunktion.