

Title (en)

NOVEL 1,3-DIPOLAR COMPOUNDS COMPRISING AN AROMATIC HETEROCYCLE AND AN IMIDAZOLE RING

Title (de)

NEUARTIGE 1,3-DIPOLARE VERBINDUNGEN MIT EINEM AROMATISCHEN HETEROCYCLUS UND EINEM IMIDAZOLRING

Title (fr)

NOUVEAUX COMPOSES 1,3-DIPOLAIRES COMPRENANT UN HETEROCYCLE AROMATIQUE ET UN CYCLE IMIDAZOLE

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Application

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Priority

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Abstract (en)

[origin: WO2020249623A1] The invention relates to a 1,3-dipolar compound comprising a heterocycle. The invention relates to a compound of formula (I), which is useful for functionalizing a polymer by grafting and to the method for preparing same (formula (I)), in which: - Q represents a dipole comprising at least one nitrogen atom; - A represents a divalent heteroaromatic ring optionally substituted by one or more hydrocarbon chains, which may be identical or different, aliphatic, linear or branched, optionally substituted or interrupted by one or more heteroatoms; - E represents a divalent hydrocarbon linking group which may optionally contain one or more heteroatoms; - R1 represents a hydrogen atom or a C1-C20 alkyl group; and - Y and Z, which may be identical or different, each represent a hydrogen atom or a hydrocarbon chain, Y and Z also being able to form together a ring, in particular an aromatic ring, with the carbon atoms of the imidazole ring to which they are attached.

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