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Mechanochemistry for no solvent, no base preparation of hydantoin-based active pharmaceutical ingredients: nitrofurantoin and dantrolene

DOI: 10.1039/c8gc01345d

Green Chemistry, 2018, 20, 2973-2977.

Source: <https://exaly.com/paper-pdf/71749792/citation-report.pdf>

Version: 2024-04-26

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#	Paper	IF	Citations
60	Bio-activated intramolecular anti-aza-Michael addition: stereoselective synthesis of hydantoin derivatives. <i>New Journal of Chemistry</i> , 2018 , 42, 18348-18357	3.6	3
59	Mechanochemical Catalytic Transfer Hydrogenation of Aromatic Nitro Derivatives. <i>Molecules</i> , 2018 , 23,	4.8	30
58	Solvent-free N-iodosuccinimide-promoted synthesis of spiroimidazolines from alkenes and amidines under ball-milling conditions. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2864-2869	5.2	17
57	Metal-free mechanochemical oxidations in Ertalyte jars. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1786-1794	2.5	11
56	Mechanochemical amorphization of chitin: impact of apparatus material on performance and contamination. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1217-1225	2.5	11
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54	Photochromic and molecular switching behaviour of new Schiff bases containing hydantoin rings: synthesis, characterization and crystal structures. <i>New Journal of Chemistry</i> , 2019 , 43, 2740-2751	3.6	7
53	From Lossen Transposition to Solventless Medicinal Mechanochemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 ,	8.3	10
52	Trichloroisocyanuric Acid: a Versatile and Efficient Chlorinating and Oxidizing Reagent. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3544-3552	3.2	24
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48	Mechanochemistry of Gaseous Reactants. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3285-3296	6.4	133
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45	Mechanoenzymatic Transformations in the Absence of Bulk Water: A More Natural Way of Using Enzymes. <i>ChemBioChem</i> , 2020 , 21, 742-758	3.8	23
44	A sustainable preparation of catalytically active and antibacterial cellulose metal nanocomposites via ball milling of cellulose. <i>Green Chemistry</i> , 2020 , 22, 455-464	10	23

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