

Aromatic aldehydes as selective fluorogenic derivatizing compounds. Application to HPLC analysis of some advanced oxidative stress biomarkers in human serum

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chromatographic methods and sample pretreatment techniques for aldehydes determination in biological, food, and environmental samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112782.	1.4	38
2	Current trends in isotope-coded derivatization liquid chromatographic-mass spectrometric analyses with special emphasis on their biomedical application. <i>Biomedical Chromatography</i> , 2020, 34, e4756.	0.8	26
3	Kinetics of α -dicarbonyl compounds formation in glucose-glutamic acid model of Maillard reaction. <i>Food Science and Nutrition</i> , 2021, 9, 290-302.	1.5	7
4	A sensitive chemiluminescence detection approach for determination of 2,4-dinitrophenylhydrazine derivatized aldehydes using online UV irradiation - luminol CL reaction. Application to the HPLC analysis of aldehydes in oil samples. <i>Talanta</i> , 2021, 233, 122522.	2.9	13
5	Derivatization of carbohydrates for analysis by liquid chromatography and capillary electrophoresis. , 2021, , 1-33.		1
6	Diagnosis of methylglyoxal in blood by using far-infrared spectroscopy and o-phenylenediamine derivation. <i>Biomedical Optics Express</i> , 2020, 11, 963.	1.5	16
7	Aldehydes™ Sources, Toxicity, Environmental Analysis, and Control in Food. <i>Emerging Contaminants and Associated Treatment Technologies</i> , 2022, , 117-151.	0.4	9
8	Recent Applications of Derivatization Techniques for Pharmaceutical and Bioanalytical Analysis through High-performance Liquid Chromatography. <i>Current Analytical Chemistry</i> , 2022, 18, 217-243.	0.6	4
9	Synthesis and characterization of Merrifield resin-supported vanadium complexes for the catalytic oxidation of straight-chain aliphatic alcohols. <i>Polyhedron</i> , 2022, 219, 115787.	1.0	4
10	Methylglyoxal and high glucose inhibit VEGFR2 phosphorylation at specific tyrosine residues. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2022, 77, 493-500.	0.6	0
11	Highly sensitive spectrofluorimetric method for the determination of the genotoxic methylglyoxal in glycerol-containing pharmaceuticals and dietary supplements. <i>Luminescence</i> , 2023, 38, 39-46.	1.5	2