

Dendritic Polyglycerol Sulfate Inhibits Microglial Activation and Dendritic Spine Morphology Deficits

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nutritional and Nanotechnological Modulators of Microglia. <i>Frontiers in Immunology</i> , 2016, 7, 270.	2.2	7
2	Remodeling of lipid bodies by docosahexaenoic acid in activated microglial cells. <i>Journal of Neuroinflammation</i> , 2016, 13, 116.	3.1	42
3	Dendritic polyglycerol sulfate attenuates murine graft-versus-host disease. <i>Annals of Hematology</i> , 2016, 95, 465-472.	0.8	3
4	Targeting specific cells in the brain with nanomedicines for CNS therapies. <i>Journal of Controlled Release</i> , 2016, 240, 212-226.	4.8	71
5	Low generation polyamine dendrimers bearing flexible tetraethylene glycol as nanocarriers for plasmids and siRNA. <i>Nanoscale</i> , 2016, 8, 5106-5119.	2.8	24
6	Aliphatic Polyethers with Sulfate, Carboxylate, and Hydroxyl Side Groups—Do They Show Anticoagulant Properties?. <i>Macromolecular Bioscience</i> , 2017, 17, .	2.1	2
7	Dendritic polyglycerol anions for the selective targeting of native and inflamed articular cartilage. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4754-4767.	2.9	11
8	Charged Dendrimers Revisited: Effective Charge and Surface Potential of Dendritic Polyglycerol Sulfate. <i>Macromolecules</i> , 2017, 50, 4759-4769.	2.2	32
9	Synthesis of polyglycerol-citric acid nanoparticles as biocompatible vectors for biomedical applications. <i>Journal of Molecular Liquids</i> , 2017, 242, 53-58.	2.3	11
10	Microfluidic Probe for Neural Organotypic Brain Tissue and Cell Perfusion. , 2018, , 139-154.		0
11	Counterion-Release Entropy Governs the Inhibition of Serum Proteins by Polyelectrolyte Drugs. <i>Biomacromolecules</i> , 2018, 19, 409-416.	2.6	39
12	Dendritic Polyglycerol Sulfates in the Prevention of Synaptic Loss and Mechanism of Action on Glia. <i>ACS Chemical Neuroscience</i> , 2018, 9, 260-271.	1.7	28
13	Dendritic Polyglycerol Sulfate for Therapy and Diagnostics. <i>Polymers</i> , 2018, 10, 595.	2.0	19
14	Interaction of human serum albumin with dendritic polyglycerol sulfate: Rationalizing the thermodynamics of binding. <i>Journal of Chemical Physics</i> , 2018, 149, 163324.	1.2	32
15	Charge and hydration structure of dendritic polyelectrolytes: molecular simulations of polyglycerol sulphate. <i>Soft Matter</i> , 2018, 14, 4300-4310.	1.2	13
16	Thermodynamics of the Binding of Lysozyme to a Dendritic Polyelectrolyte: Electrostatics Versus Hydration. <i>ACS Omega</i> , 2018, 3, 9086-9095.	1.6	19
17	Dendritic polyglycerols are modulators of microglia-astrocyte crosstalk. <i>Future Neurology</i> , 2019, 14, FNL31.	0.9	11
18	Dendrimers as Modulators of Brain Cells. <i>Molecules</i> , 2020, 25, 4489.	1.7	9

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19	Competitive sorption of monovalent and divalent ions by highly charged globular macromolecules. <i>Journal of Chemical Physics</i> , 2020, 153, 044904.	1.2	13
20	Nanotherapeutic Modulation of Human Neural Cells and Glioblastoma in Organoids and Monocultures. <i>Cells</i> , 2020, 9, 2434.	1.8	10
21	Cells Undergo Major Changes in the Quantity of Cytoplasmic Organelles after Uptake of Gold Nanoparticles with Biologically Relevant Surface Coatings. <i>ACS Nano</i> , 2020, 14, 2248-2264.	7.3	31
22	Probing the protein corona around charged macromolecules: interpretation of isothermal titration calorimetry by binding models and computer simulations. <i>Colloid and Polymer Science</i> , 2020, 298, 747-759.	1.0	8
23	Wechselwirkung von Polyelektrolyt-Ärchitekturen mit Proteinen und Biosystemen. <i>Angewandte Chemie</i> , 2021, 133, 3926-3950.	1.6	8
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25	Say no to drugs: Bioactive macromolecular therapeutics without conventional drugs. <i>Journal of Controlled Release</i> , 2021, 330, 1191-1207.	4.8	10
26	Insights into Interactions between Interleukin-6 and Dendritic Polyglycerols. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2415.	1.8	6
27	Gram Scale Synthesis of Dual-Responsive Dendritic Polyglycerol Sulfate as Drug Delivery System. <i>Polymers</i> , 2021, 13, 982.	2.0	3
28	Targeted drug delivery systems to control neuroinflammation in central nervous system disorders. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102802.	1.4	8
29	Chapter 7. Polymeric Ionic Liquids with Micelle-like Topologies and Functions. <i>RSC Polymer Chemistry Series</i> , 2016, , 259-285.	0.1	2
30	Activity-dependent neuroprotective protein deficiency models synaptic and developmental phenotypes of autism-like syndrome. <i>Journal of Clinical Investigation</i> , 2018, 128, 4956-4969.	3.9	71
31	Nanostructured Modulators of Neuroglia. <i>Current Pharmaceutical Design</i> , 2019, 25, 3905-3916.	0.9	3
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33	Curing inflammatory diseases using phosphorous dendrimers. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022, 14, e1783.	3.3	6
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35	Sulfated Hyperbranched and Linear Polyglycerols Modulate HMGB1 and Morphological Plasticity in Neural Cells. <i>ACS Chemical Neuroscience</i> , 2023, 14, 677-688.	1.7	0
36	Dendrimers and Derivatives as Multifunctional Nanotherapeutics for Alzheimer's Disease. <i>Pharmaceutics</i> , 2023, 15, 1054.	2.0	6

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