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Design and Characterization of Chemically Stabilized A β 42 Oligomers

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12	Monoclonal antibody with conformational specificity for a toxic conformer of amyloid β 2 and its application toward the Alzheimeris disease diagnosis. <i>Scientific Reports</i> , 2016 , 6, 29038	4.9	37
11	Membrane-bound tetramer and trimer A β oligomeric species correlate with toxicity towards cultured neurons. <i>Journal of Neurochemistry</i> , 2016 , 136, 594-608	6	48
10	A novel pathway for amyloids self-assembly in aggregates at nanomolar concentration mediated by the interaction with surfaces. <i>Scientific Reports</i> , 2017 , 7, 45592	4.9	34
9	Nanoscale Dynamics of Amyloid β 2 Oligomers As Revealed by High-Speed Atomic Force Microscopy. <i>ACS Nano</i> , 2017 , 11, 12202-12209	16.7	63
8	Preparation of pure populations of covalently stabilized amyloid β protein oligomers of specific sizes. <i>Analytical Biochemistry</i> , 2017 , 518, 78-85	3.1	21
7	Dynamic micellar oligomers of amyloid beta peptides play a crucial role in their aggregation mechanisms. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 20597-20614	3.6	27
6	A chemically engineered, stable oligomer mimic of amyloid β 2 containing an oxime switch for fibril formation. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 6537-6542	3.9	3
5	Preparation of Pure Populations of Amyloid β Protein Oligomers of Defined Size. <i>Methods in Molecular Biology</i> , 2018 , 1779, 3-12	1.4	3
4	Preparation and characterization of a highly soluble A β peptide variant. <i>Protein Expression and Purification</i> , 2019 , 164, 105480	2	3
3	Synthesis and biochemical characterization of quasi-stable trimer models of full-length amyloid β 0 with a toxic conformation. <i>Chemical Communications</i> , 2018 , 55, 182-185	5.8	13
2	Visualizing and trapping transient oligomers in amyloid assembly pathways. <i>Biophysical Chemistry</i> , 2021 , 268, 106505	3.5	42
1	Cross-Linked Amyloid β Protein Oligomers: A Missing Link in Alzheimeris Disease Pathology?. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 1307-1316	3.4	0