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Effect of the NBD-group position on interaction of fluorescently-labeled cholesterol analogues with human steroidogenic acute regulatory protein STARD1

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Abbreviations:

20NP – 20-((NBD)amino)-pregn-5-en-3-ol;
22NC – 22-(N-(NBD)amino)-23,24-bisnorcholesterol;
25NC – 25-[N-[(NBD)-methyl]amino]-27-norcholesterol;
3NC – 3-(NBD-amino)-cholestane;
EDTA – ethylenediaminetetraacetic acid;
NBD – 7-nitrobenz-2-oxa-1,3-diazol-4-yl.

Keywords: protein-ligand interactions; steroidogenic acute regulatory protein; solvatochromism; fluorescence; thermal stability; cholesterol

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