Graph referenced as "Fluorescence depolarization relation between molecular weight + rotational relaxation time"

Contributors

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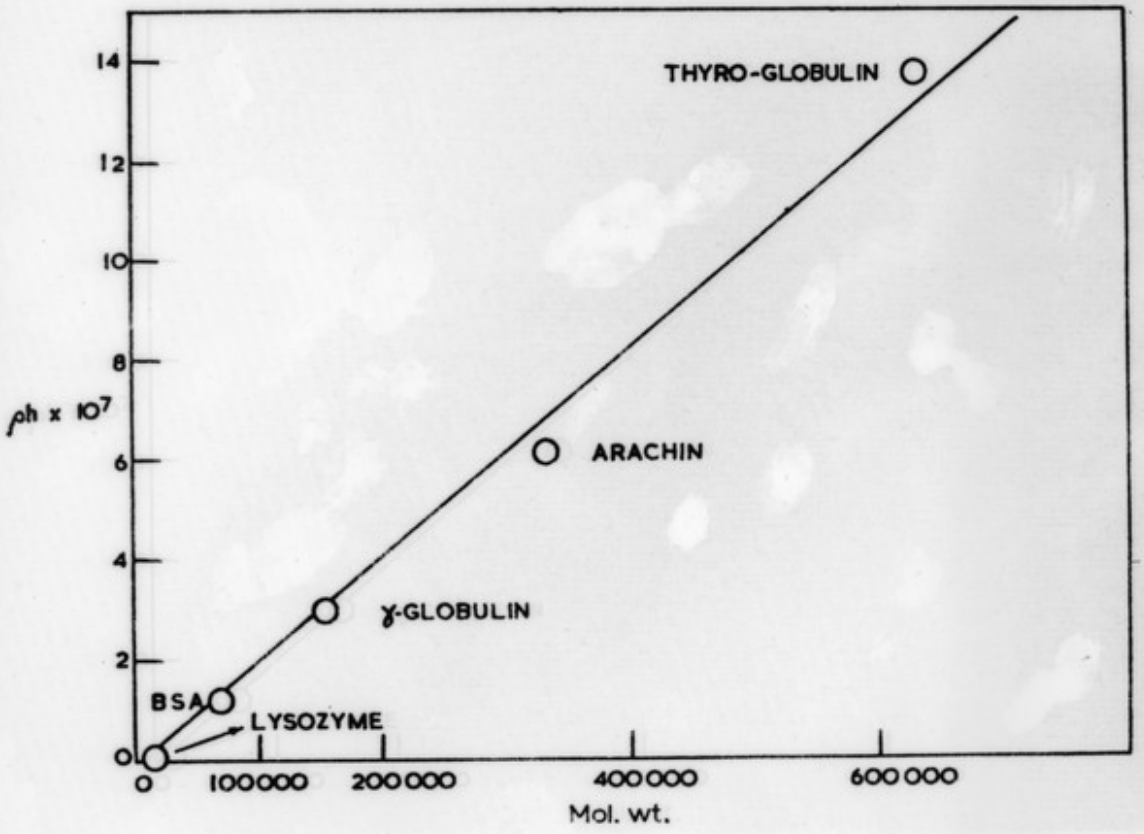
dy. One [redacted] t. For three of the four
gates the [redacted]ues were, within experimental error, identical, whilst for a
njugates a much higher value was given both by extrapolation and measurem
ncentrated sucrose solution. Modified $1/p_0$ values may arise from the prese
bound fluorochrome, but the excellent agreement shown by three of th
ses seems to exclude this possibility in those cases. Further, since in the
e arachin conjugates, the same experimental procedures were employed, it
likely that this explanation applies to it and it seems inescapable that in so
e protein is interfering in the fluorescence mechanism. A major factor
rmining $1/p_0$ is the orientation of the emitting oscillators with respect to



5. Plot of calculated relaxation time (ρ_h) against molecular weight for variou
conjugates.