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Signaling by sulfur-containing molecules. Quantitative aspects

Willem H. Koppenol, Patricia L. Bounds

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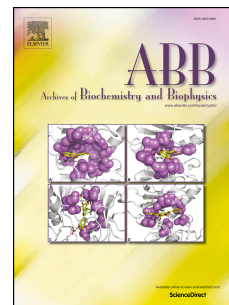
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Highlights

Thermodynamic parameters are presented for organic and inorganic sulfur compounds

Formation of RSS^- from RSSR and HS^- is only slightly favorable

Formation of SSNO^- *in vivo* is kinetically unlikely.

Polysulfur compounds are generally unstable with respect to disproportionation, with $\text{S}_{8(s)}$ as one of the products.

TOC

pH 7:



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