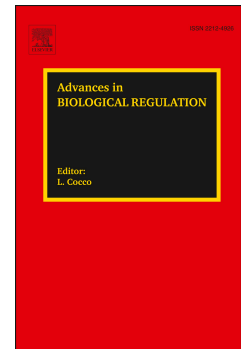


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Therapeutic application of apoptosis signal-regulating kinase 1 inhibitors

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Title

Therapeutic application of apoptosis signal-regulating kinase 1 inhibitors

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Abstract

Apoptosis signal-regulating kinase 1 (ASK1) is a member of the stress-activated mitogen-activated protein kinase kinase kinase (MAP3K) family. ASK1 is an attractive drug target, owing to its essential role in a wide variety of human diseases including neurodegenerative disorders, inflammatory diseases and cancer. Recent studies have suggested that pharmacological manipulations using small molecule ASK1 inhibitors may be beneficial in experimental human disease models. In this review, we highlight the current understanding of ASK1 inhibitors as a potential therapy for human diseases.

Keywords

Apoptosis signal-regulating kinase 1 (ASK1), ASK1 inhibitor

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