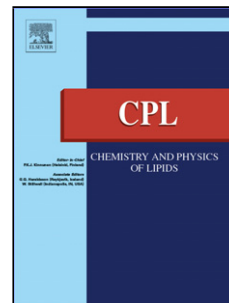


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Short communication

Synthesis of dansyl labeled sphingosine kinase 1 inhibitor

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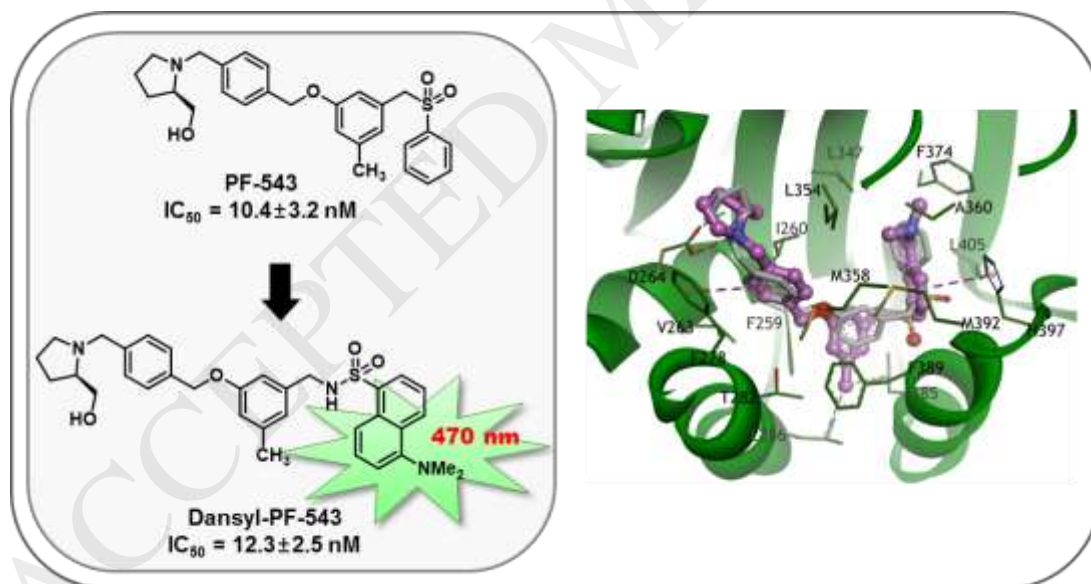
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Graphical Abstract



Highlights

- We synthesized labeled PF-543 for biochemical studies involving SK1.
- A similar SK1 inhibition of dansyl-PF-543 and PF-543 demonstrated that the dansyl group can be biologically replaced by benzene sulfonyl group in PF-543.
- A docking study of SK1 confirmed the structural similarity between the synthetic dansyl-PF-543 and PF-543.

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