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Data Sheet

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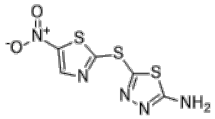
Product Name	:	SU3327
Cat. No.	:	PC-27751
CAS No.	:	40045-50-9
Molecular Formula	:	$C_5H_3N_5O_2S_3$
Molecular Weight	:	261.29
Target	:	JNK
Solubility	:	10 mM in DMSO



Biological Activity

Halicin (SU3327) is a potent, selective and substrate competitive c-Jun N-terminal kinase (**JNK**) inhibitor with IC50 of 0.7 uM, inhibits TNF-α stimulated phosphorylation of c-Jun with IC50 of 6.23 uM in HeLa cells.
Halicin (SU3327) shows an IC50 of 239 nM in displacing pepJIP1, as measured by a DELFIA assay.
Halicin (SU3327) is 142 fold less active against p38α, and completely inactive against Akt kinase, metalloprotease LF (lethal factor) and the proprotein convertase furin.
Halicin (SU3327) improves cardiac function and reduces heart damage during IR.

References

De SK, et al. ***J Med Chem.*** 2009 Apr 9;52(7):1943-52.

Augustine C, et al. ***Neuroscience***. 2014 Aug 22;274:1-10.

Jang S, et al. ***PLoS One***. 2014 Nov 25;9(11):e113526.

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