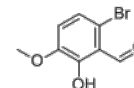


Product Name : NSC95682
Cat. No. : PC-70078
CAS No. : 20035-41-0
Molecular Formula : C₈H₇BrO₃
Molecular Weight : 231.045
Target : IRE1
Solubility : 10 mM in DMSO



Biological Activity

NSC95682 is a potent and selective inhibitor of **IRE1 endoribonuclease** with IC₅₀ of 0.41 uM. NSC95682 binds to IRE1 in a specific, reversible and dose-dependent manner and inhibits XBP-1 splicing induced pharmacologically in human cells. NSC95682 inhibits XBP-1 splicing in vivo model of acute ER stress.

References

Volkman K, et al. *J Biol Chem*. 2011 Apr 8;286(14):12743-55.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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