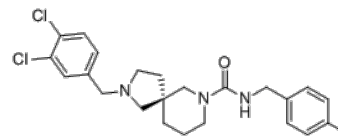


**Product Name** : GSK2850163  
**Cat. No.** : PC-60595  
**CAS No.** : 2121989-91-9  
**Molecular Formula** : C<sub>24</sub>H<sub>29</sub>Cl<sub>2</sub>N<sub>3</sub>O  
**Molecular Weight** : 446.41  
**Target** : IRE1  
**Solubility** : 10 mM in DMSO



## Biological Activity

GSK2850163 is a potent **IRE1 $\alpha$** -selective kinase inhibitor that inhibits both the kinase and RNase activities of IRE1 $\alpha$  with IC<sub>50</sub> of 20 nM and 200 nM, respectively.

GSK2850163 binds to pIRE1 $\alpha$  and inhibits XBP 1 splicing; only weakly inhibits Ron (IC<sub>50</sub>= 4.4  $\mu$ M) and FGFR1 V561M (IC<sub>50</sub>=17  $\mu$ M) in a panel of 284 kinases.

## References

Concha NO, et al. *Mol Pharmacol.* 2015 Dec;88(6):1011-23.

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

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