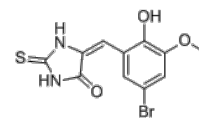


**Product Name** : IT-603  
**Cat. No.** : PC-70271  
**CAS No.** : 292168-90-2  
**Molecular Formula** : C<sub>11</sub>H<sub>9</sub>BrN<sub>2</sub>O<sub>3</sub>S  
**Molecular Weight** : 329.168  
**Target** : NF-κB  
**Solubility** : 10 mM in DMSO



## Biological Activity

IT-603 is a small molecule inhibitor of the NF-κB family member **c-Rel** with IC<sub>50</sub> of 3 μM in EMSA assays.

IT-603 inhibits human diffuse large B-cell lymphoma (DLBCL) cell line with IC<sub>50</sub> of 18 μM.

IT-603 binds c-Rel directly and changes the conformation of the protein, inhibiting DNA binding and transcriptional activity.

## References

Shono Y, et al. *Cancer Discov.* 2014 May;4(5):578-91.

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

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