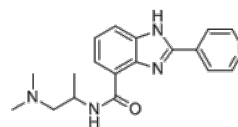


**Product Name** : ChX710  
**Cat. No.** : PC-63270  
**CAS No.** : 2438721-44-7  
**Molecular Formula** : C<sub>18</sub>H<sub>21</sub>N<sub>5</sub>O  
**Molecular Weight** : 323.4  
**Target** : STING  
**Solubility** : 10 mM in DMSO



## Biological Activity

ChX710 (ChX0306710) is a small molecule Interferon-Stimulated Response Elements (**ISRE**) inducer that primes the type I interferon response to cytosolic DNA, which is dependent on the adaptor MAVS and IRF1, but not the IRF3.

ChX710 induces Interferon-Stimulated Response Elements (ISRE) that is **STING** dependent.

ChX710 efficiently primes the interferon response to foreign DNA by potent synergistic effects on IFN- $\beta$  secretion and ISG expression levels

## References

Khair S, et al. *Sci Rep.* 2017 May 31;7(1):2561.

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

E-mail: tech@probechem.com