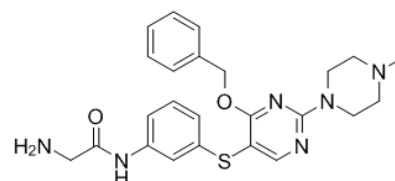


**Product Name** : HSP70-IN-27c  
**Cat. No.** : PC-43120  
**CAS No.** : 1268273-90-0  
**Molecular Formula** : C<sub>24</sub>H<sub>28</sub>N<sub>6</sub>O<sub>2</sub>S  
**Molecular Weight** : 464.5831  
**Target** : Heat Shock Protein (HSP)  
**Solubility** : 10 mM in DMSO



## Biological Activity

HSP70-IN-27c is a potent, irreversible inhibitor of **Hsp70** without Hsp 90 binding activity, inhibits growth of Kasumi-1 AML cells with IC<sub>50</sub> of 2.3 μM, and inhibits Caspase-3,7 activation in MOLM13 AML cells with IC<sub>50</sub> of 1.9 μM. HSP70-IN-27c inhibits HER2 and Raf-1 steady-state levels, PARP cleavage in SKBr3 breast cancer cells with IC<sub>50</sub> of about 1.5 μM. HSP70-IN-27c induces apoptosis in MDA-MB-468 cells.

## References

Taldone T, et al. *J Med Chem*. 2014 Feb 27;57(4):1208-24.

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

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