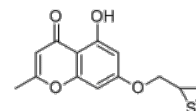


**Product Name** : HSP27 inhibitor J2  
**Cat. No.** : PC-63191  
**CAS No.** : 2133499-85-9  
**Molecular Formula** : C<sub>13</sub>H<sub>12</sub>O<sub>4</sub>S  
**Molecular Weight** : 264.295  
**Target** : Heat Shock Protein (HSP)  
**Solubility** : 10 mM in DMSO



### Biological Activity

HSP27 inhibitor J2 is a small molecule functional inhibitor of **Hsp27**, induces significant abnormal HSP27 dimer formation in cancer cells.

HSP27 inhibitor J2 enhances cancer cell sensitization with cisplatin, cisplatin-induced lung cancer cell growth inhibition in vitro.

HSP27 inhibitor J2 significantly inhibits immune cell infiltration in lung tissue, attenuates radiation-induced pulmonary inflammation in mice.

### References

Kim JY, et al. *Sci Rep.* 2018 Mar 8;8(1):4189.

Hwang SY, et al. *Eur J Med Chem.* 2017 Oct 20;139:892-900.

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

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