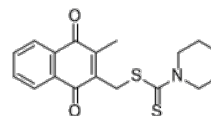


**Product Name** : PKM2-IN-1  
**Cat. No.** : PC-25405  
**CAS No.** : 94164-88-2  
**Molecular Formula** : C<sub>18</sub>H<sub>19</sub>NO<sub>2</sub>S<sub>2</sub>  
**Molecular Weight** : 345.48  
**Target** : Pyruvate Kinase  
**Solubility** : 10 mM in DMSO



### Biological Activity

PKM2-IN-1 (Compound 3k) is a potent small molecule pyruvate kinase M2 (PKM2) inhibitor with IC<sub>50</sub> of 2.95 μM, with less inhibition of PKM1 and PKL.

PKM2-IN-1 (Compound 3k) shows nanomolar antiproliferative activity toward a series of cancer cell lines with high expression of PKM2 including HCT116, Hela and H1299 with IC<sub>50</sub> values ranging from 0.18 to 1.56 μM.

PKM2-IN-1 (Compound 3k) exhibits more cytotoxicity on cancer cells than normal cells.

### References

Ning X, et al. Eur J Med Chem. 2017 Sep 29;138:343-352.

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

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