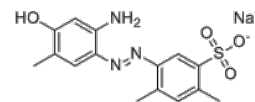


**Product Name** : Ischemin sodium  
**Cat. No.** : PC-60198  
**CAS No.** : N/A  
**Molecular Formula** : C<sub>15</sub>H<sub>16</sub>N<sub>3</sub>O<sub>4</sub>SNa  
**Molecular Weight** : 357.36  
**Target** : Bromodomain  
**Solubility** : 10 mM in DMSO



## Biological Activity

Ischemin sodium is a cell permeable **CBP bromodomain** inhibitor with K<sub>d</sub> of 19 uM.

Ischemin sodium inhibits the acetyl-lysine binding activity of CBP, inhibits p53 interaction with CBP and decreases p53 transcriptional activity.

Ischemin sodium protects against doxorubicin-induced apoptosis in cardiomyocytes in vitro.

## References

Borah JC, et al. *Chem Biol.* 2011 Apr 22;18(4):531-41.

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

E-mail: tech@probechem.com