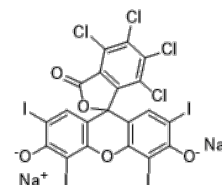


**Product Name** : Rose Bengal sodium  
**Cat. No.** : PC-24445  
**CAS No.** : 632-69-9  
**Molecular Formula** :  $C_{20}H_2Cl_4I_4Na_2O_5$   
**Molecular Weight** : 1017.63  
**Target** : Fluorescent Dye  
**Solubility** : 10 mM in DMSO



### Biological Activity

Rose Bengal sodium is a multifunctional dye, exhibits antitumor activity and can inhibit Friend Leukemia Virus (FLV) infection through photodynamic action, also inhibits A $\beta$  aggregation through light irradiation.

### References

- Sun B, et al. Acta Biomater. 2023 Nov;171:553-564.  
Huang J, et al. Nanotechnology. 2011 Nov 11;22(45):455202.  
Hopkins SC, et al. Biochemistry. 2000 Mar 14;39(10):2805-14.

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

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