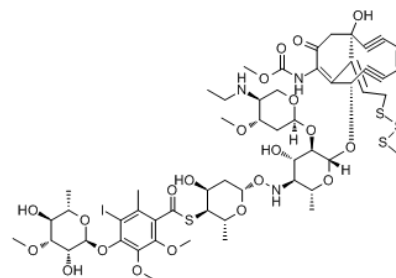


**Product Name** : Calicheamicin  
**Cat. No.** : PC-45655  
**CAS No.** : 108212-75-5  
**Molecular Formula** : C<sub>55</sub>H<sub>74</sub>IN<sub>3</sub>O<sub>21</sub>S<sub>4</sub>  
**Molecular Weight** : 1368.348  
**Target** : ADC Cytotoxin  
**Solubility** : 10 mM in DMSO



## Biological Activity

Calicheamicin  $\gamma$ 1 is an enediyne antitumor antibiotic that acts by binding to DNA and causes strand scission; ADC payload used in development of antibody drug conjugates.

## References

- Lambert JM, et al. Adv Ther. 2017 May;34(5):1015-1035.  
Guffroy M, et al. Clin Cancer Res. 2017 Apr 1;23(7):1760-1770.  
Damelin M, et al. Clin Cancer Res. 2015 Sep 15;21(18):4165-73.

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

E-mail: tech@probechem.com