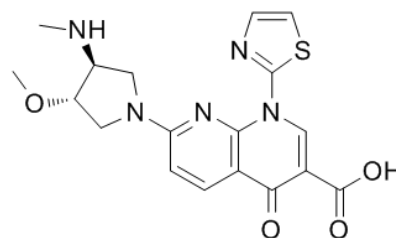


**Product Name** : Voreloxin  
**Cat. No.** : PC-42643  
**CAS No.** : 175414-77-4  
**Molecular Formula** : C<sub>18</sub>H<sub>19</sub>N<sub>5</sub>O<sub>4</sub>S  
**Molecular Weight** : 401.4396  
**Target** : Topoisomerase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Voreloxin (SNS-595; Vosaroxin; AG 7352) is a first-in-class anticancer quinolone derivative that intercalates DNA and inhibits **Topoisomerase II**, exhibits proliferation inhibition of AML cell lines MV4-11 and HL-60 with IC<sub>50</sub> of 95 nM and 884 nM, respectively.

## References

- Scatena CD, et al. Cancer Chemother Pharmacol. 2010 Oct;66(5):881-8.  
Hoch U, et al. Cancer Chemother Pharmacol. 2009 Jun;64(1):53-65.  
Walsby EJ, et al. Haematologica. 2011 Mar;96(3):393-9.

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

E-mail: tech@probechem.com