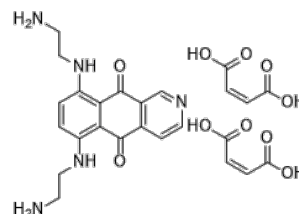


**Product Name** : Pixantrone  
**Cat. No.** : PC-22736  
**CAS No.** : 144675-97-8  
**Molecular Formula** : C<sub>25</sub>H<sub>27</sub>N<sub>5</sub>O<sub>10</sub>  
**Molecular Weight** : 557.52  
**Target** : Topoisomerase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Pixantrone (BBR2778) dimaleate is a topoisomerase II inhibitor and DNA intercalator with anti-tumor activity, also is a direct mini-chromosome maintenance protein 2 (MCM2) inhibitor, induces cell cycle arrest and apoptosis in ovarian cancer cells via targeting MCM2.

## References

- Chen Q, et al. Eur J Pharmacol. 2024 Jul 18;176835.et al.  
Beeharry N, et al. Cancer Biol Ther. 2015;16(9):1397-406.  
Hasinoff BB, et al. J Pharmacol Exp Ther. 2016 Feb;356(2):397-409.

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

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