



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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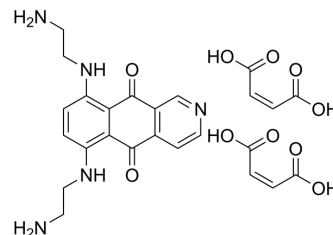
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Pixantrone (Standard)

| | |
|---------------------------|---|
| Cat. No.: | HY-13727AR |
| CAS No.: | 144675-97-8 |
| Molecular Formula: | C ₂₅ H ₂₇ N ₅ O ₁₀ |
| Molecular Weight: | 557.51 |
| Target: | Topoisomerase |
| Pathway: | Cell Cycle/DNA Damage |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|-------------------------------------|--|
| Description | Pixantrone (Standard) is the analytical standard of Pixantrone. This product is intended for research and analytical applications. Pixantrone (BBR 2778) dimaleate is a topoisomerase II inhibitor and DNA intercalator, with anti-tumor activity. |
| IC₅₀ & Target | Topoisomerase II ^[1] |

REFERENCES

- [1]. Beeharry N, et al. Pixantrone induces cell death through mitotic perturbations and subsequent aberrant cell divisions. *Cancer Biol Ther.* 2015;16(9):1397-406.
- [2]. Hasinoff BB, et al. Mechanisms of Action and Reduced Cardiotoxicity of Pixantrone; a Topoisomerase II Targeting Agent with Cellular Selectivity for the Topoisomerase II α Isoform. *J Pharmacol Exp Ther.* 2016 Feb;356(2):397-409.
- [3]. Cavalletti E, et al. Pixantrone (BBR 2778) has reduced cardiotoxic potential in mice pretreated with doxorubicin: comparative studies against doxorubicin and mitoxantrone. *Invest New Drugs.* 2007 Jun;25(3):187-95.
- [4]. Ubiali F, et al. Pixantrone (BBR2778) reduces the severity of experimental autoimmune myasthenia gravis in Lewis rats. *J Immunol.* 2008 Feb 15;180(4):2696-703.

Caution: Product has not been fully validated for medical applications. For research use only.

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