

Product Name:	Transplatin
Product Number:	T108
CAS Number:	14913-33-8
Molecular Formula:	$\text{Pt}(\text{NH}_3)_2\text{Cl}_2$
Molecular Weight:	300.05
Description:	Transplatin is the less-active isomer of the DNA damaging, platinum antitumor drug cisplatin, which is used in the treatment of a variety of solid tumors. However, it has been reported that the antitumor activity of transplatin can be photo-activated. Several trans-platinum compounds have excellent anticancer bioactivity that overcomes cisplatin resistance, making transplatin an excellent starting place for the development of novel anticancer agents.
References:	<p>Coluccia, M., & Natile, G. (2007). Trans-Platinum Complexes in Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i>, 7(1), 111-123. doi:10.2174/187152007779314080</p> <p>Heringova, P., Woods, J., Mackay, F. S., Kasparkova, J., Sadler, P. J., & Brabec, V. (2006). Transplatin Is Cytotoxic When Photoactivated: Enhanced Formation of DNA Cross-Links. <i>Journal of Medicinal Chemistry</i>, 49(26), 7792-7798. doi:10.1021/jm0606692</p>