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产品名称: **Miriplatin (hydrate)**

CAS 号: **250159-48-9**

产品货号: **S23092**

生物活性:

Description	Miriplatin hydrate (SM-11355 hydrate) 为有效的化疗剂, 是烷化剂 (alkylator) 的一种.
In Vitro	Miriplatin suspended in lipiodol (miriplatin/LPD, 100 μ g/mL) inhibits the growth of AH109A cells, forms platinum-DNA adducts, and induces apoptosis[2].
In Vivo	Miriplatin (0.02-0.4 mg/20 μ L) in lipiodol reduces tumor growth rates in a dose dependent manner in rats bearing AH109A tumor cells[1]. Miriplatin/LPD (400 μ g/head) significantly reduces the growth of tumor in rats bearing AH109A cells[2].
References	[1]. Kishimoto S, et al. Antitumor effects of a novel lipophilic platinum complex (SM-11355) against a slowly-growing rat hepatic tumor after intra-hepatic arterial administration. Biol Pharm Bull. 2000 Mar;23(3):344-8. [2]. Hanada M, et al. Intra-hepatic arterial administration with miriplatin suspended in an oily lymphographic agent inhibits the growth of tumors implanted in rat livers by inducing platinum-DNA adducts to form and massive apoptosis. Cancer Chemother Pharmacol.