

Miriplatin (hydrate)

Catalog No: tcsc1450



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

250159-48-9

Formula:

$C_{34}H_{70}N_2O_5Pt$

Pathway:

Cell Cycle/DNA Damage

Target:

DNA Alkylator/Crosslinker

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

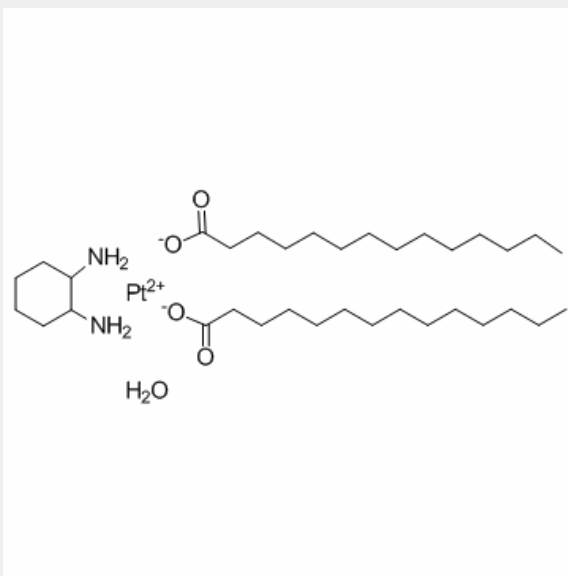
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Product Description

Miriplatin hydrate is a chemotherapy agent which belongs to the class of **alkylating** agents.

In Vitro: Miriplatin suspended in lipiodol (miriplatin/LPD, 100 µg/mL) inhibits the growth of AH109A cells, forms platinum-DNA adducts, and induces apoptosis^[2].

In Vivo: Miriplatin (0.02-0.4 mg/20 µL) in lipiodol reduces tumor growth rates in a dose dependent manner in rats bearing AH109A tumor cells^[1]. Miriplatin/LPD (400 µg/head) significantly reduces the growth of tumor in rats bearing AH109A cells^[2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!