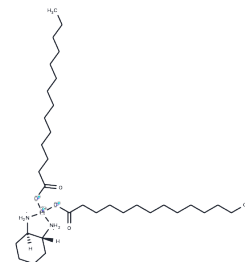


## Miriplatin

### Chemical Properties

CAS No. :	141977-79-9
Formula:	C <sub>34</sub> H <sub>68</sub> N <sub>2</sub> O <sub>4</sub> Pt
Molecular Weight:	763.99
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



### Biological Description

Description	Miriplatin (SM-11355) (SM-11355) is a platinum complex used in TACE that has promise for the therapy of hepatocellular carcinoma (HCC).
Targets(IC50)	DNA Alkylator/Crosslinker

### Solubility Information

Solubility	DMSO: Insoluble, DMSO inactivates the activity of Miriplatin. H <sub>2</sub> O: Insoluble, ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3089 mL	6.5446 mL	13.0892 mL
5 mM	0.2618 mL	1.3089 mL	2.6178 mL
10 mM	0.1309 mL	0.6545 mL	1.3089 mL
50 mM	0.0262 mL	0.1309 mL	0.2618 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

- Ishikawa T, et al. Predictive factor of local recurrence after balloon-occluded TACE with miriplatin (MPT) in hepatocellular carcinoma. PLoS One. 2014 Jul 21;9(7):e103009.
- Tomozawa Y, et al. Antitumor effect of miriplatin-lipiodol suspension/emulsion using a VX2 liver tumor model. Jpn J Radiol. 2013 Oct;31(10):662-7.

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