

Ormaplatin

Chemical Properties

CAS No. : 62816-98-2

Formula: C₆H₁₄Cl₄N₂Pt

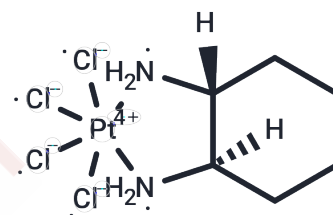
Molecular Weight: 451.08

Storage:

Keep away from direct sunlight, The compound is unstable in solution. Please use soon

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	Ormaplatin is a platinum(IV) analogue with antineoplastic activity. Ormaplatin alkylates DNA, forming both inter- and intra-strand platinum-DNA crosslinks, which result in inhibition of DNA replication and transcription and cell-cycle nonspecific cytotoxicity. Check for active clinical trials or closed clinical trials using this agent. (NCI Thesaurus)
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Soluble, DMSO inactivates the activity of Ormaplatin. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2169 mL	11.0845 mL	22.169 mL
5 mM	0.4434 mL	2.2169 mL	4.4338 mL
10 mM	0.2217 mL	1.1085 mL	2.2169 mL
50 mM	0.0443 mL	0.2217 mL	0.4434 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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