

## Antitumor agent-78

### Chemical Properties

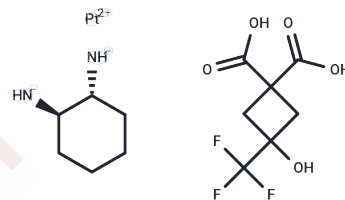
CAS No. :

Formula:

Molecular Weight:

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	Antitumor agent-78 inhibits GPx-4 and elevates COX2, leading to ferroptosis. Antitumor agent-78 activates the tumor cell intrinsic apoptotic pathway (Bax-Bcl-2-caspase-3) and inhibits the epithelial mesenchymal transition (EMT) process in tumor cells. Antitumor agent-78 exhibits antitumor effects and inhibits the growth and migration of cancer cells.
Targets(IC50)	Apoptosis, Bcl-2 Family, Others, Ferroptosis, COX

### Solubility Information

Solubility	DMSO: Slightly soluble, DMSO inactivates the activity of Antitumor agent-78. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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