

## Carboplatin-D4

### Chemical Properties

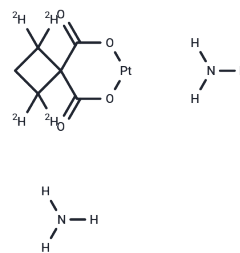
CAS No. :

Formula: C<sub>6</sub>H<sub>8</sub>D<sub>4</sub>N<sub>2</sub>O<sub>4</sub>Pt

Molecular Weight: 375.28

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	Carboplatin-D4 is a deuterated compound of Carboplatin. Carboplatin (T1058) has a CAS number of 41575-94-4. Carboplatin (T1058) is an organoplatinum compound that possesses antineoplastic activity.
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### Solubility Information

Solubility	DMSO: Soluble, DMSO inactivates the activity of Carboplatin-D4. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6647 mL	13.3234 mL	26.6468 mL
5 mM	0.5329 mL	2.6647 mL	5.3294 mL
10 mM	0.2665 mL	1.3323 mL	2.6647 mL
50 mM	0.0533 mL	0.2665 mL	0.5329 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.

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