

## Product Information

### Picoplatin, Purity $\geq 98\%$

**Cat. No.:** X24-09-YM1281

**Size:** 5 mg; 10 mg; 20 mg; 50 mg

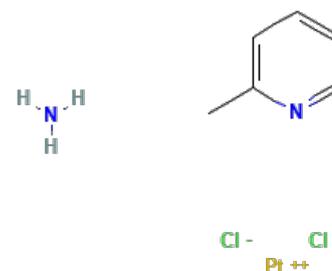
**CAS Number:** 181630-15-9

**Compound CID:** 177358

**Synonym:** 181630-15-9; AMD473; NX 473; ZD0473; Azane; 2-methylpyridine;

platinum(2+); dichloride

**This product is for research use only and is not intended for diagnostic use.**



#### Product Information

<b>Description</b>	Picoplatin is a new-generation organic platinum analog with an extended spectrum of antineoplastic activity. The molecular weight of the compound is 376.15, and its molecular formula is C <sub>6</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>2</sub> Pt.
<b>Molecular Weight</b>	376.15
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>2</sub> Pt
<b>IUPAC Name</b>	Azane;2-methylpyridine;platinum(2+);dichloride
<b>InChI</b>	InChI=1S/C6H7N.2ClH.H3N.Pt/c1-6-4-2-3-5-7-6;;;;;/h2-5H,1H3;2*1H;1H3;/q;;;;;+2/p-2
<b>InChI Key</b>	IIMIOEBMYPRQGU-UHFFFAOYSA-L
<b>Canonical SMILES</b>	CC1=CC=CC=N1.N.[Cl-].[Cl-].[Pt+2]
<b>Isomeric SMILES</b>	CC1=CC(=O)CC([C@]1(/C=C/C(=C\C(=O)O)/C)O)(C)C
<b>Form</b>	Lyophilized powder
<b>Purity</b>	$\geq 98\%$
<b>Impurities</b>	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	In its lyophilized form, the chemical remains stable for 36 months.
<b>Quality Level</b>	Research grade
<b>Applications</b>	Picoplatin can be studied extensively for its potential therapeutic applications in the treatment of various cancers, including advanced colorectal cancer and other solid tumors.
<b>Storage</b>	Store at -20°C, and keep desiccated.