

## Product Information

### Clofarabine, MW 303.68, ≥99%

**Cat. No.:** X24-04-XQ054

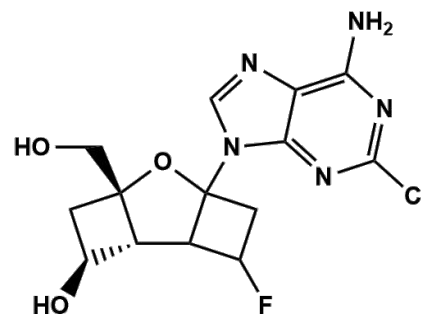
**Size:** 5 mg; 25 mg; 100 mg; 500 mg

**CAS Number:** 123318-82-1

**Compound CID:** 119182

**Synonym:** 123318-82-1; Clofarabine; Clolar; Evoltra; Clofarex; Cl-F-Ara-A; C1-F-Ara-A; Clofarabina; Clofarabinum

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



### Product Information

<b>Description</b>	Clofarabine is a second-generation purine nucleoside analogue, characterized by a fluorine atom at position 2 and its unique sugar moiety structure. Clofarabine is a high-quality product with a molecular weight of 303.68 and a high purity level of ≥99%.
<b>Molecular Weight</b>	303.68
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>11</sub> ClFN <sub>5</sub> O <sub>3</sub>
<b>IUPAC Name</b>	(2 <i>R</i> ,3 <i>R</i> ,4 <i>S</i> ,5 <i>R</i> )-5-(6-Amino-2-chloropurin-9-yl)-4-fluoro-2-(hydroxymethyl)oxolan-3-ol
<b>InChI</b>	InChI=1S/C10H11ClFN5O3/c11-10-15-7(13)5-8(16-10)17(2-14-5)9-4(12)6(19)3(1-18)20-9/h2-4,6,9,18-19H,1H2,(H2,13,15,16)/t3-,4+,6-,9-/m1/s1
<b>InChI Key</b>	WDDPHFBMKLOVOX-AYQXTPAHSA-N
<b>Canonical SMILES</b>	C1=NC2=C(N=C(N=C2N1C3C(C(C(O3)CO)O)F)Cl)N
<b>Isomeric SMILES</b>	C1=NC2=C(N=C(N=C2N1[C@H]3[C@H]([C@@H]([C@H](O3)CO)O)F)Cl)N
<b>Purity</b>	≥99%
<b>Applications</b>	Clofarabine with the molecular weight of 303.68 and a purity greater than 99% can be used for the study of DNA synthesis within leukemia cells.
<b>Storage</b>	Store at 4°C.