

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



## DATASHEET

Actinomycin X2

### Product overview

<b>Name</b>	Actinomycin X2
<b>Cat No</b>	HB3736
<b>Purity</b>	>98%
<b>Description</b>	Antitumor and antiviral antibiotic

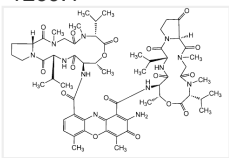
### Biological Data

<b>Biological description</b>	Aniso-Actinomycin (4-Oxopro instead of Pro in the beta-chain). Antitumor and antiviral antibiotic. Antituberculosis agent. Has higher cytotoxicity towards cultured human leukemia (HL-60) cells than actinomycin D. Apoptosis inducer. Forms a complex with DNA and blocks its biological activity.
-------------------------------	--

### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Molecular Weight</b>	1269.4
<b>Chemical structure</b>	
<b>CAS Number</b>	18865-48-0
<b>PubChem identifier</b>	0
<b>SMILES</b>	<chem>CC(C)C1NC(=O)C(NC(=O)c2ccc(C)c3OC4=C(C)C(=O)C(=C(C(=O)NC5C(C)OC(=O)C(C(C)C)N(C)C(=O)CN(C)C(=O)C6CC(=O)CN6C(=O)C(NC5=O)C(C)C)C4=Nc23)N)C(C)OC(=O)C(C(C)C)N(C)C(=O)CN(C)C(=O)C7CCCN7C1=O</chem>
<b>InChiKey</b>	SMBASHZPOHFQRU-ILYIJYFNSA-N
<b>Appearance</b>	Orange crystals