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## DATASHEET

Rubratoxin A

### Product overview

<b>Name</b>	Rubratoxin A
<b>Cat No</b>	HB4063
<b>Biological action</b>	Inhibitor
<b>Purity</b>	>95%
<b>Description</b>	Potent, selective, competitive PP2A inhibitor

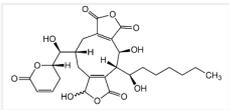
### Biological Data

<b>Biological description</b>	Mycotoxin. Potent and selective competitive protein phosphatase 2A (PP2A) inhibitor. Does not inhibit PP1, PP2B, PTP1B, ALP and CIP. Antitumor agent. Antimetastatic.
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### Solubility & Handling

<b>Storage instructions</b>	-20 °C
<b>Solubility overview</b>	Soluble in DMSO and ethanol
<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>Chemical name</b>	9-((3,6-Dihydro-6-oxo-2H-pyran-2-yl)hydroxymethyl)-3,4,5,8,9,10-hexahydro-1,5-dihydroxy-4-(1-hydroxyheptyl)-3-oxo-1H-cyclonona(c)furan-6,7-dicarboxylic anhydride
<b>Molecular Weight</b>	520.2
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>32</sub> O <sub>11</sub>
<b>CAS Number</b>	22467-31-8
<b>PubChem identifier</b>	0
<b>SMILES</b>	CCCCC[C@@H](C1[C@@H](C2=C(CC(CC3=C1C(=O)OC3O)[C@@H](C4CC=CC(=O)O4)O)C(=O)OC2=O)O)O
<b>InChiKey</b>	XOEFANNJIKAWGX-AWYIYDNTSA-N
<b>Appearance</b>	White powder