

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

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

customercare-usa@hellobio.com



DATASHEET

Rubratoxin A

Product overview

Name	Rubratoxin A
Cat No	HB4063
Purity	>95%
Description	Potent, selective, competitive PP2A inhibitor

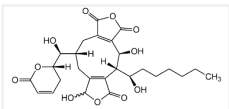
Biological Data

Biological description	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

Storage instructions	-20 °C
Solubility overview	Soluble in DMSO and ethanol
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	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
Molecular Weight	520.2
Chemical structure	
Molecular Formula	C ₂₆ H ₃₂ O ₁₁
CAS Number	22467-31-8
PubChem identifier	0
SMILES	<chem>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</chem>
InChiKey	XOEFANNJIKAWGX-AWYIYDNTSA-N
Appearance	White powder