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.

Solubility & Handling

Solubility overview Soluble in DMSO and ethanol

Storage instructions -20°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

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-hydro

xyheptyl)-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 Number22467-31-8

PubChem identifier

SMILES 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

InChiKey XOEFANNJIKAWGX-AWYIYDNTSA-N

Appearance White powder