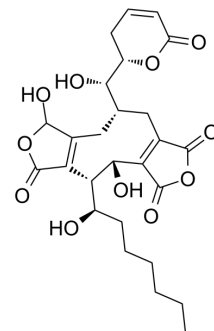


## Rubratoxin A

Cat. No.:	HY-126730
CAS No.:	22467-31-8
Molecular Formula:	C <sub>26</sub> H <sub>32</sub> O <sub>11</sub>
Molecular Weight:	520.53
Target:	Phosphatase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Rubratoxin A is a natural mycotoxin and competitive inhibitor of protein phosphatase 2A (PP2A) with an IC<sub>50</sub> of 170 nM. Rubratoxin A causes suppression of tumor metastasis and reduction of primary tumor volume in mouse xenografts<sup>[1]</sup>.

### REFERENCES

[1]. Wada S, et al. Rubratoxin A specifically and potently inhibits protein phosphatase 2A and suppresses cancer metastasis. *Cancer Sci.* 2010 Mar;101(3):743-50.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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