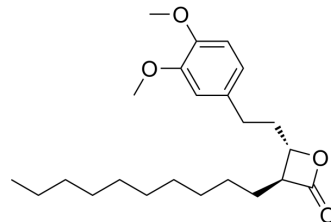


## Palmostatin B

Cat. No.:	HY-120911
CAS No.:	1233365-12-2
Molecular Formula:	C <sub>23</sub> H <sub>36</sub> O <sub>4</sub>
Molecular Weight:	376.53
Target:	Phospholipase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Palmostatin B is an Acyl protein thioesterase 1 and 2 (APT-1, APT-2) inhibitor. Palmostatin B reduces cell viability in a panel of NRAS mutant melanoma cell lines. Palmostatin B inhibits Ras depalmitoylation in cells<sup>[1][2]</sup>.

### REFERENCES

[1]. Vujic I, et al. Acyl protein thioesterase 1 and 2 (APT-1, APT-2) inhibitors palmostatin B, ML348 and ML349 have different effects on NRAS mutant melanoma cells. *Oncotarget*. 2016 Feb 9;7(6):7297-306.

[2]. Dekker FJ, et al. Small-molecule inhibition of APT1 affects Ras localization and signaling. *Nat Chem Biol*. 2010 Jun;6(6):449-56.

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

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