

## Product Datasheet

### Peganumine A (orb1943236)

<b>Catalog Number</b>	orb1943236
<b>Category</b>	Small Molecules
<b>Description</b>	Peganumine A, a cytotoxic $\beta$ -carboline alkaloid isolated from Peganum harmala, demonstrates differential potency against human cancer cell lines in vitro, including HL-60 (IC <sub>50</sub> 5.8 $\mu$ M), MCF-7, PC-3, and HepG2 cells. This makes it a compound of interest for research in oncology and apoptosis studies.
<b>Target</b>	Others
<b>MW</b>	482.57
<b>CAS Number</b>	1620517-85-2
<b>Formula</b>	C <sub>29</sub> H <sub>30</sub> N <sub>4</sub> O <sub>3</sub>
<b>SMILES</b>	<chem>O=C1N2[C@]3(N4[C@@]1([C@](C)(C)C3)C5=C(CC4)C=6C(N5)=CC(OC)=CC6)C7=C(C=8C(N7)=CC(OC)=CC8)CC2</chem>
<b>Storage</b>	-20°C
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)