

Product Datasheet

Podofilox (orb1309699)

Catalog Number	orb1309699
Category	Small Molecules
Description	Podofilox, also known as (+)-Shikonin, is a lignan derived from Podophyllum resin. It acts as a potent spindle poison and keratolytic agent, making it a research tool for studying antimitotic mechanisms, wart treatments, and potential antineoplastic applications in both in vitro and in vivo models.
Target	Microtubule Associated,Topoisomerase
Purity	98.00% (May vary between batches)
MW	414.41
Target Areas	Microtubule Associated Topoisomerase
Solubility (25°C)	DMSO:25 mg/mL (60.33 mM);10% DMSO+40% PEG300+5% Tween 80+45% Saline:1 mg/mL (2.41 mM)
CAS Number	518-28-5
Formula	C ₂₂ H ₂₂ O ₈
SMILES	<chem>O=C1[C@@]2([C@@H](C=3C([C@H](O)[C@]2(CO1)[H])=CC4=C(C3)OCO4)C5=C(C(OC)=C(OC)C(OC)=C5)[H]</chem>
Storage	-20°C
Note	For research use only
Expiration Date	12 months from date of receipt.

Biorbyt Ltd.

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

Email: info@biorbyt.com, 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 27713-2847
United States

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