

Product Datasheet

Iso-Fludelone (orb1740620)

Catalog Number	orb1740620
Category	Small Molecules
Description	Iso-Fludelone is a third-generation epothilone B analog with potent antineoplastic activity. It stabilizes microtubules, inhibits cell division, and induces apoptosis, while exhibiting improved pharmacokinetics and circumventing P-glycoprotein-mediated drug resistance. It is applied in cancer research for in vitro cytotoxicity assays and in vivo tumor model studies.
Target	Microtubule Associated,Others
MW	527.57
CAS Number	691868-19-6
Formula	C ₂₇ H ₃₆ F ₃ NO ₆
SMILES	<chem>C(=C\C=C=1C=C(C)ON1)\(\C)/[C@@H]2C/C=C(\C(F)(F)F)/C/C=C/[C@H](C)[C@H](O)[C@@H](C)C(=O)C(C)(C)[C@@H](O)CC(=O)O2</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
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)