

Product Datasheet

Cholic Acid anilide (orb1694063)

Catalog Number	orb1694063
Category	Small Molecules
Description	Cholic acid anilide is a synthetic derivative of cholic acid. It acts as a potent inhibitor of <i>Clostridioides difficile</i> spore germination, demonstrating an in vitro IC50 of 1.8 μM against strain R20291. This compound is a valuable research tool for studying bacterial sporulation and developing potential therapeutic strategies targeting <i>C. difficile</i> infections.
Target	Antibacterial,Others
MW	483.68
CAS Number	6912-96-5
Formula	C ₃₀ H ₄₅ NO ₄
SMILES	<chem>O[C@H]1[C@]2([C@]3([C@@](C)([C@@]([C@@H](CCC(=O)NC4=CC=CC=C4)=O)C)(CC3)[H])[C@@H](O)C[C@]2([C@]5(C)[C@](C1)(C[C@H](O)CC5)[H])[H])[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
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)