

## Product Datasheet

### N-Acetyl-Calicheamicin (orb1089510)

<b>Description</b>	N-Acetyl-Calicheamicin is a enediyne antitumor antibiotic.
<b>Note</b>	For research use only
<b>Formula</b>	$C_{57}H_{76}IN_3O_{22}S_4$
<b>MW</b>	1410.38472557068
<b>CAS Number</b>	[108212-76-6]
<b>SMILES</b>	<chem>IC1C(C)=C(C(=C(C=1O[C@H]1[C@@H]([C@@H]([C@H]([C@H](C)O1)O)OC)O)OC)OC)C(=O)S[C@@H]1[C@@H](C)O[C@H](C[C@@H]1O)ON[C@@H]1[C@@H](C)O[C@H]([C@@H]([C@H]1O)O[C@H]1C[C@@H]([C@H](CO1)N(C(C)=O)CC)OC)O[C@@H]1C#CC=CC#C[C@@]2(CC(C(=C1/C/2=C\CSSSC)NC(=O)OC)=O)O  c:69 </chem>
<b>Expiration Date</b>	12 months from date of receipt.

**Biorbyt Ltd.**

7 Signet Court, Swann's 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 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

**Biorbyt LLC.**

68 TW Alexander Drive,  
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)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)