

Product Datasheet

Chloramine-T hydrate (orb2283223)

Catalog Number	orb2283223
Category	Small Molecules
Description	Chloramine-T serves as a versatile reagent in numerous synthetic procedures, including aminohydroxylation, allylic amination, as a nitrogen source in aziridination reactions of alkenes and olefins, and for the deprotection of thio groups in sulfur-containing molecules. Additionally, it plays a role in the synthesis of Factor Xa inhibitors. At a concentration of 0.2% w/v, Chloramine-T acts as an effective antiseptic agent with bactericidal properties against <i>S. epidermidis</i> , <i>S. aureus</i> , <i>E. faecalis</i> , <i>E. coli</i> , <i>P. mirabilis</i> , and <i>E. cloacae</i> .
Target	Others
MW	227.6
CAS Number	149358-73-6
Formula	$C_7H_7ClNO_2S \cdot Na[XH_2O]$
SMILES	<chem>S(NCl)(=O)(=O)C1=CC=C(C)C=C1.[Na].O</chem>
Storage	-20°C
Note	For research use only

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)6518558)

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)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)