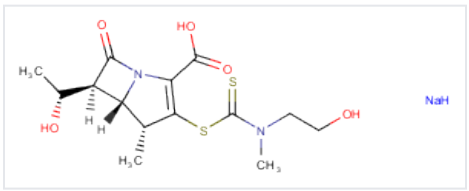
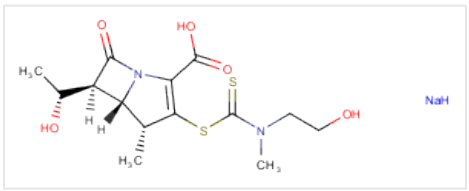
BO3482 Inhibitor

PRODUCT OVERVIEW

Product Name	BO3482, Inhibitor
Full Product Name	BO3482
Product Gene Name	BO3482, inhibitor
Purity/Purification	98%
Preparation and Storage	Powder: -2 degree C for 3 years In solvent: -80 degree C for 2 years
Molecular Weight	384.44
SMILES	[NaH].[H][C@]1([C@@H](C)O)C(=O)N2C(C(O)=O)=C(SC(=S)N(C)CCO)[C@H](C)[C@]12[H]
Formula	C14H21N2NaO5S2
CAS Number	198013-53-5
Target	Others Staphylococci: MIC90: 6.25 ug/mL
Solubility	(<1mg/mL refers to the product slightly soluble or insoluble)
In_vitro	In the thigh infection model with a homogeneous MRSA strain, the bacterial counts in tissues treated with BO3482-cilastatin are markedly reduced in a dose-dependent manner compared with the counts in those treated with imipenem-cilastatin and vancomycin.
Product Categories/Family for BO3482, inhibitor	Others
Related Product Information for BO3482, inhibitor	BO3482 is an antimicrobial compound and can inhibit the growth of methicillin-resistant Staphylococci (MIC90: 6.25mg/mL .
Product References and Citations for BO3482, inhibitor	1 Adach Y e al I vitr evaluatio o BO-3482 nove dithiocarbamat carbapene wit activit agains methicillin-resistan staphylococci Antimicro Agent Chemother 199 Oct 1(10):2282-5. 2 Nagan R e al Therapeuti efficac o BO-3482 nove dithiocarbamat carbapenem i mic infecte wit methicillin-resistan Staphylococcu aureus Antimicro Agent Chemother 199 Oct 1(10):2278-81.
Other Notes	Small volumes of BO3482, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for BO3482 purchase	MBS5766206 is an inhibitor targeting BO3482.



Structure of BO3482, inhibitor
BO3482, CAS 198013-53-5



Structure of BO3482, inhibitor
BO3482, CAS 198013-53-5

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/inhibitor/bo3482/5766206