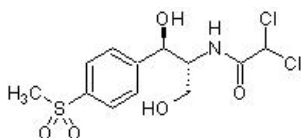


Product datasheet

Thiamphenicol (Thiophenicol), Antibiotic ab143265

Overview

Product name	Thiamphenicol (Thiophenicol), Antibiotic
Description	Antibiotic
Biological description	Antibiotic. Glutamate transporter upregulating agent. Chloramphenicol (ab142411) analog. Shows neuroprotective and antitumor effects <i>in vivo</i> . Orally active.
CAS Number	15318-45-3
Chemical structure	



Properties

Chemical name	2,2-Dichloro-N-[(1R,2R)-1,3-dihydroxy-1-(4-methylsulfonylphenyl)propan-2-yl]acetamide
Molecular weight	356.22
Molecular formula	C ₁₂ H ₁₅ Cl ₂ NO ₅ S
PubChem identifier	27200
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CS(=O)(=O)C1=CC=C(C=C1)C(C(CO)NC(=O)C(Cl)Cl)O</chem>
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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